

bizhub C650

User's Guide [PageScope Web Connection Operations]



Introduction

Thank you for purchasing this machine.

This User's Guide describes device management functions, operations, and cautions for usage of PageScope Web Connection. In order to allow functionality of this product fully and to use it effectively, please read this User's Guide as necessary.

In order to ensure that this machine is used safely, carefully read the Quick Guide [Copy/Print/Fax/Scan/Box Operations] before using the machine.

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Mersenne Twister

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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Contents

Introduction

OpenSSL statement	x-1
NetSNMP License	x-3
Kerberos	x-5
Mersenne Twister	x-5
Copyright	x-5
SOFTWARE LICENSE AGREEMENT	x-7
Contents	x-8
About this user's guide	x-11
User's Guides	x-11
Printed manuals	x-11
User's Guide CD manuals	x-11
Notations	x-12
Using this user's guide	x-12

1 Overview

1.1 Using PageScope Web Connection	1-1
System requirements	1-1
Access PageScope Web Connection	1-1
Web browser cache	1-2
With Internet Explorer	1-2
With Netscape Navigator	1-2
With Mozilla Firefox	1-2
Structure of pages	1-3
1.2 Logging on and logging off	1-5
Logon and logout operations	1-5
Logging off	1-7
Logging on	1-8
Options that can be selected when logged on to PageScope Web Connection	1-8
Logging on as a public user	1-8
Logging on as a registered user	1-9
Logging on to Administrator mode	1-10
Logging on as a user box administrator	1-10

2 User mode

2.1 Information tab	2-1
Device Information - Configuration Summary	2-1
Device Information - Option	2-2
Device Information - Consumables	2-2
Device Information - Meter Count	2-3
Online Assistance	2-4
Change User Password	2-4
Function Permission Information	2-5
Network Setting Information	2-6
Print Setting Information	2-6
Print Information	2-7
2.2 Job tab	2-8
Current Jobs	2-8
Job History	2-9
Communication List	2-10
2.3 Box tab	2-11
Open User Box	2-11
Document operations	2-13
Changing user box settings	2-16
Create User Box	2-17
Open System User Box	2-18
Create System User Box	2-20

2.4	Direct Print tab	2-22
	Direct Print.....	2-22
2.5	Store Address tab	2-23
	Address Book - Store Address.....	2-23
	Registering a destination	2-24
	Address Book - Icon.....	2-28
	Registering an icon	2-29
	Group.....	2-29
	Registering a group destination.....	2-30
	Program	2-31
	Registering a program destination	2-32
	Temporary One-Touch	2-48
	Subject.....	2-49
	Text.....	2-50

3 Administrator mode

3.1	Maintenance tab	3-1
	Meter Count.....	3-1
	ROM Version.....	3-2
	Import/Export.....	3-2
	Status Notification Setting	3-4
	Total Counter Notification Setting	3-6
	Machine Setting.....	3-7
	Online Assistance	3-7
	Date/Time Setting - Manual Setting	3-8
	Date/Time Setting - Time Adjustment Setting	3-9
	Timer Setting - Power Save Setting	3-9
	Timer Setting - Weekly Timer Setting	3-10
	Network TWAIN	3-10
	Reset - Network Setting Clear	3-11
	Reset - Reset	3-12
	Reset - Format All Destination.....	3-12
	External Memory Function Settings	3-13
	Header/Footer Registration	3-13
	License Settings - Get Request Code	3-15
	License Settings - Install License	3-15
3.2	Security tab	3-16
	Authentication - User Auth/Account Track.....	3-16
	Authentication - External Server Registration	3-17
	Authentication - Default Function Permission	3-19
	User Registration	3-19
	Registering a user.....	3-21
	Account Track Registration	3-22
	Registering an account.....	3-23
	SSL/TLS Setting - SSL/TLS Setting	3-23
	Creating a certificate	3-25
	Creating a certificate	3-26
	Specifying an encryption level setting	3-29
	Removing a certificate	3-29
	Specifying the modes using SSL.....	3-30
	Downloading certificates	3-31
	SSL/TLS Setting - Action for Invalid Certificate	3-31
	Address Reference Setting - Reference Allowed Group Registration.....	3-32
	Address Reference Setting - Public User Reference Setting	3-33
	Permission of Address Change	3-34
	Auto Logout.....	3-34
	Administrator Password Setting.....	3-35
3.3	Box tab.....	3-36
	Open System User Box	3-36
	Create System User Box	3-38
3.4	Print Setting tab	3-40
	Basic Setting.....	3-40
	PCL Setting.....	3-41



	PS Setting	3-41
	XPS Settings	3-42
	Interface Setting	3-42
3.5	Store Address tab	3-43
	Application Registration	3-43
	Registering a new application	3-44
	To regist a new application.....	3-45
	Items that can be specified when editing applications	3-47
	Editing registered applications	3-49
	Deleting registered applications	3-50
	Prefix/Suffix	3-51
	Header Information	3-52
3.6	Network tab	3-53
	TCP/IP Setting - TCP/IP Setting.....	3-53
	TCP/IP Setting - IP Filtering.....	3-55
	TCP/IP Setting - IPsec.....	3-56
	E-mail Setting - E-mail RX (POP).....	3-58
	E-mail Setting - E-mail TX (SMTP).....	3-59
	E-mail Setting - S/MIME.....	3-61
	E-mail Setting - I-Fax Advanced Setting	3-62
	LDAP Setting - LDAP Setting	3-62
	LDAP Setting - Setting Up LDAP.....	3-63
	IPP Setting.....	3-65
	FTP Setting - FTP TX Setting	3-66
	FTP Setting - FTP Server Setting	3-66
	SNMP Setting	3-67
	SMB Setting - WINS Setting.....	3-68
	SMB Setting - Client Setting	3-69
	SMB Setting - Print Setting	3-69
	SMB Setting - Direct Hosting Setting.....	3-70
	Web Service Settings - Web Service Common Settings.....	3-71
	Web Service Settings - Printer Settings	3-71
	Web Service Settings - Scanner Settings	3-72
	Bonjour Setting.....	3-73
	NetWare Setting - NetWare Setting.....	3-74
	NetWare Setting - NetWare Status.....	3-75
	AppleTalk Setting	3-75
	Network Fax Setting - SMTP TX Setting	3-76
	Network Fax Setting - SMTP RX Setting.....	3-76
	WebDAV Settings - WebDAV Client Settings.....	3-77
	WebDAV Settings - WebDAV Server Settings.....	3-78
	OpenAPI Setting	3-78
	TCP Socket Setting	3-79

4 Appendix

4.1	Glossary	4-1
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5 Index

5.1	Index	5-1
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About this user's guide

This User's Guide contains information for using the device management functions in PageScope Web Connection. For details on the copy functions, scanning functions, box functions, and fax functions, refer to the respective User's Guide.

This User's Guide is aimed at users who already have a basic knowledge of computer and copy operations. For Windows or Macintosh operating system and application operations, refer to the operation manual of the respective product.

User's Guides

This machine is provided with printed manuals and PDF manuals on the User's Guide CD.

Printed manuals

Quick Guide [Copy/Print/Fax/Scan/Box Operations]

This manual contains operating procedures and descriptions of the most frequently used functions, allowing the machine to immediately be used.

In addition, this manual contains notes and precautions that should be followed for safe use of the machine.

Be sure to read this manual before using the machine.

User's Guide [Enlarge Display Operations]

This manual contains details on operating procedures in Enlarge Display mode.

Refer to this manual for details on using copy, network scanner and fax functions in Enlarge Display mode.

User's Guide CD manuals

User's Guide [Copy Operations]

This manual contains descriptions of the Copy mode operations and machine maintenance. Refer to this manual for details on the paper and documents, copy procedures using convenient Application functions, replacing consumables, and troubleshooting operations such as clearing paper misfeeds.

User's Guide [Print Operations]

This manual contains details of the printing functions that can be specified with the standard built-in printer controller. Refer to this manual for operating procedures on using the printing functions.

User's Guide [Box Operations]

This manual contains operating procedures for using the user boxes on the hard disk. Refer to this manual for details on saving data in user boxes, retrieving data from user boxes and transferring data.

User's Guide [Network Scanner Operations]

This manual contains descriptions on specifying network settings for standard equipment and operating procedures for scanning functions. Refer to this User's Guide for details on using network functions and the Scan to E-Mail, Scan to FTP and Scan to SMB operations.

User's Guide [PageScope Web Connection Operations] (this manual)

This manual contains descriptions on the machine settings that can be specified remotely with PageScope Web Connection from a Web browser on a computer. Refer to this manual for details on operating procedures for using PageScope Web Connection.

User's Guide [Fax Operations]

This manual contains descriptions of the G3 fax operations. Refer to this manual for details on using the G3 fax operations when the optional fax kit is installed.

In order to use the fax functions, the optional fax kit must be purchased separately.

User's Guide [Network Fax Operations]

This manual contains details on the network fax functions. Refer to this manual for operating procedures on Internet faxing and IP address faxing.

User's Guide [Fax Driver Operations]

This manual contains details of the fax driver functions that can be used to send a fax directly from a computer.

Refer to this manual for operating procedures on using the PC-FAX functions.

In order to use the fax functions, the optional fax kit must be purchased separately.

User's Guide [Advanced Function Operations]

This User's Guide describes overview and usage of functions that become available by registering the optional license kit and enabling its function, and functions that become available by connecting the MFP with applications.

In order to use the functions effectively, please read this User's Guide.

The following models support the advanced function.

bizhub C650/C550/C451/C353/C253/C203

Notations

Product name	
bizhub C650	This machine, C650
Microsoft Windows	Windows

Using this user's guide

Subject titles

Additional explanation of the text is given.

Menu items and check box names displayed on the screen are enclosed in “ ”.

Explains the operation procedure.

Contents displayed on a screen.

Button names displayed on the screen are enclosed in [].

Administrator Mode

3

3.3 Box Tab

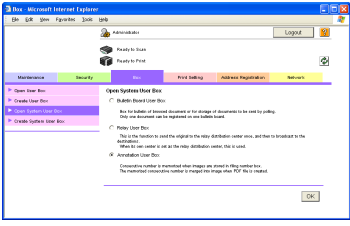
The Box Tab creates, and confirms basic information about boxes used in the box function. If logged in as an administrator, change and deletion of settings without input of a box password is possible. For details on Box types and functions, refer to the User's Guide [Box Operations].

Detail
For details on the “Open System User Box” menu, refer to “Open User Box” on page 2-16.

For details on the “Create User Box” menu, refer to “Create User Box” on page 2-23. Only Public Box types are created in Administrator Mode, and these can not be changed.

Open System User Box
Open the System Box (Bulletin Board User Box, Relay User Box, Annotation User Box) in order to confirm basic box information.

1 Select the type of System Box, and click [OK].



– Bulletin Board User Box and Relay User Box are displayed if the optional FAX kit is installed.

2 From the User box list, click the User Box Name. Alternatively, input the Box number and its password, and click [OK].

C6503-44

(The page shown above is an example only.)

C650

x-12

1 Overview

1.1 Using PageScope Web Connection

PageScope Web Connection is a device management utility supported by the HTTP server integrated into the printer controller. Using a Web browser on a computer connected to the network, machine settings can be specified and the status of the machine can be checked.

In addition to the convenience of specifying some settings from your computer instead of with the machine's control panel, text can easily be typed in.

System requirements

Item	Specification
Network	Ethernet (TCP/IP)
Computer applications	Compatible Web browsers: Microsoft Internet Explorer Ver. 6 or later (JavaScript and Cookies enabled) Netscape Navigator Ver. 7.02 or later (JavaScript and Cookies enabled) Mozilla Firefox Ver. 1.0 or later (JavaScript and Cookies enabled) Adobe® Flash® Player (plug-in version 7.0 or later required if "Flash" is selected as the display format)

Access PageScope Web Connection

PageScope Web Connection can be used from a Web browser.

- 1 Start the Web browser.
- 2 In the "Address" bar, type the IP address of this machine, and then press the [Enter] key.
 - `http://<IP_address_of_machine>/`
Example: If the IP address of this machine is 192.168.1.20
`http://192.168.1.20/`
 - If the machine is set to use IPv6, type in an IPv6 address within [] when using a browser other than Internet Explorer.
`http://[IPv6_address_of_machine]/`
Example: If the IPv6 address of this machine is fe80::220:6bff:fe10:2f16
`http://[fe80::220:6bff:fe10:2f16]/`
 - If the machine is set to use IPv6 and Internet Explorer is being used, first edit the hosts file to include "fe80::220:6bff:fe10:2f16IPv6 MFP_1", and then specify the URL with the domain name.

The User mode page that appears is for a user who has logged on.



Detail

If user authentication settings have been specified, the user name and password must be entered. For details, refer to "Logging on as a registered user" on page 1-9.

For details on specifying the IP address of this machine, refer to the User's Guide [Network Scanner Operations].

PageScope Web Connection has Flash and HTML display formats. For details, refer to "Logging on and logging off" on page 1-5.

Web browser cache

The most recent information may not appear in the PageScope Web Connection pages because older versions of pages are saved in the cache for the Web browser. In addition, problems may occur when the cache is used.

When using PageScope Web Connection, disable the cache for the Web browser.



Reminder

The menus and commands may vary depending on the Web browser version. For details, refer to the Help for the Web browser.

If the utility is used with the cache enabled and Administrator mode was timed out, the timeout page may appear even when PageScope Web Connection is accessed again. In addition, since the machine's control panel remains locked and cannot be used, the machine must be restarted with the main power switch. In order to avoid this problem, disable the cache.

With Internet Explorer

- 1 On the "Tools" menu, click "Internet Options".
- 2 On the General tab, click the [Settings] button under "Temporary Internet files".
- 3 Select "Every visit to the page", and then click the [OK] button.

With Netscape Navigator

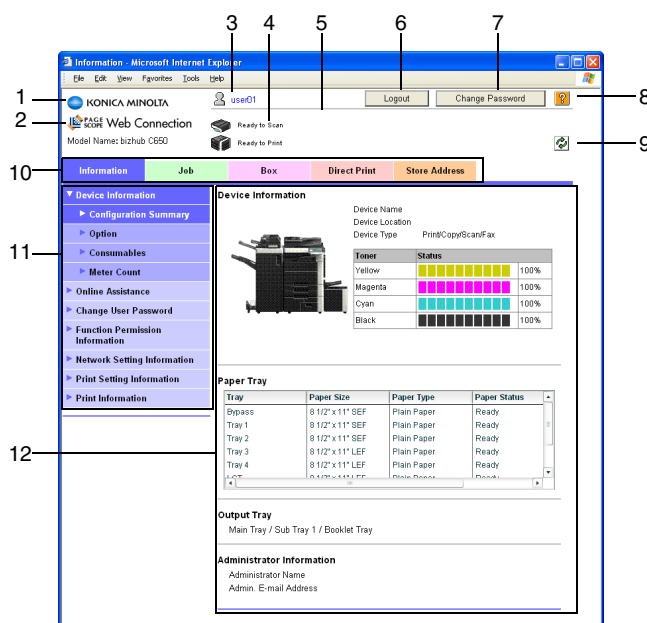
- 1 On the "Edit" menu, click "Preferences".
- 2 Under "Category" on the left, click "Advanced", then "Cache".
- 3 Under "Document in cache is compared to document on network:", select "Every time".

With Mozilla Firefox

- 1 On the "Tools" menu, click "Options".
- 2 Click "Privacy", and then click the [Settings] button at the bottom of the dialog box.
- 3 Select the "Cache" check box under "Private data", select the "Clear private data when closing Firefox" check box under "Settings", and then click the [OK] button.

Structure of pages

The pages of PageScope Web Connection are constructed as shown below.



No.	Item	Description
1	Konica Minolta logo	Click the logo to go to the Konica Minolta Web site at the following URL. http://konicaminolta.com This logo is omitted from this manual in the rest.
2	PageScope Web Connection logo	Click the logo to display the version information for PageScope Web Connection. This logo is omitted from this manual in the rest.
3	Logon user name	Displays the icon of the current mode and the name of the user who is logged on (public, administrator, user box administrator, registered user or account). Click the user name to display the name of the user who is logged on.
4	Status display	Displays icons and messages indicating the status of the printer and scanner sections of the machine. If an error occurred, click the icon to display the error information (consumables, paper trays and registered user information) so that the status can be checked.
5	Message display	Displays the operating status of the machine.
6	[Logout] button	Click to log off from the current mode.
7	[Change Password] button	Click to go to the Change User Password page. (Refer to "Change User Password" on page 2-4.) This button appears only in User mode when a registered user is logged on. This button appears only if user authentication settings have been specified for machine authentication.
8	Help button	Click to display the page specified as the online manual Web page. For details on specifying the Web page, refer to "Online Assistance" on page 3-7.
9	Refresh button	Click to update the displayed page.
10	Tabs	Select the category of the page to be displayed. The following tabs are displayed in User mode. <ul style="list-style-type: none"> • Information • Job • Box • Direct Print • Store Address
11	Menu	Information and settings for the selected tab are listed. The menu that appears differs depending on the tab that is selected.
12	Information and settings	Displays details of the item selected in the menu.

**Detail**

The page that appears immediately after accessing the machine with PageScope Web Connection is called the User mode page. This page appears when a user has logged on.

If user authentication settings have been specified, the user name and password must be entered. For details, refer to "Logging on as a registered user" on page 1-9.

The PageScope Web Connection pages appear differently depending on the options installed on the machine and the specified machine settings.

For details on logging on as a different user or as the administrator, refer to "Logging on and logging off" on page 1-5.

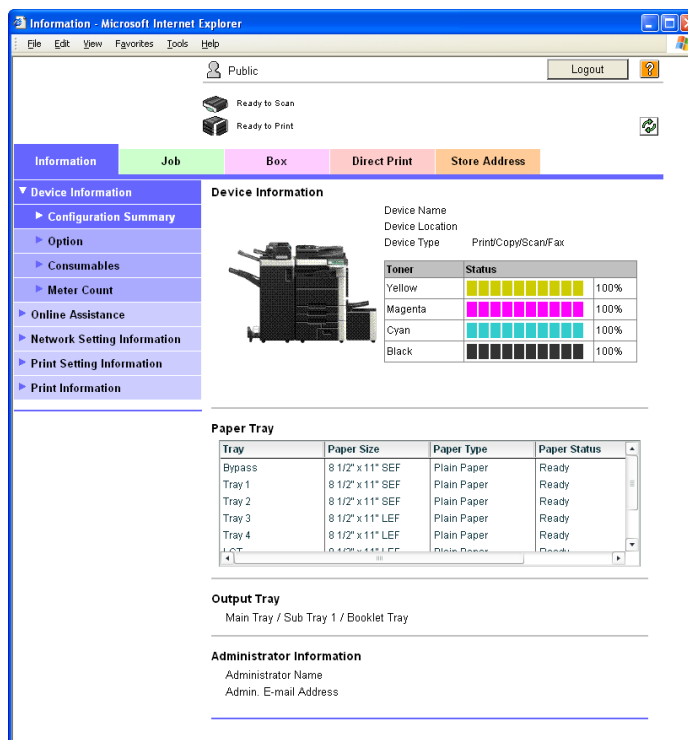
1.2 Logging on and logging off

Logon and logout operations

When the machine is accessed with PageScope Web Connection, the logon page appears if user authentication and account track settings have been specified on the machine. If user authentication and account track settings have not been specified, the page for a public user appears. In order to log on as a different user or as an administrator after logon, it is necessary to log off first, then log on again.

When user authentication and account track settings are not specified

The user logs on automatically as a public user.



To log on as an administrator, log off.



Log on again as an administrator.

KONICA MINOLTA PageScope Web Connection - Microsoft Internet Explorer

File Edit View Favorites Tools Help

KONICA MINOLTA PAGE SCOPE Web Connection

Language OS Language (OS Language)

Login

Public User

Administrator

View Mode

Flash HTML

Flash Player is necessary to see in Flash form. Get ADOBE FLASHPLAYER

User Assist

When in warning, the dialog is displayed.

Login

When user authentication and account track settings are specified

The User Authentication/Account Track screen appears. Enter the required information to log on.

KONICA MINOLTA PageScope Web Connection - Microsoft Internet Explorer

File Edit View Favorites Tools Help

KONICA MINOLTA PAGE SCOPE Web Connection

Language OS Language (OS Language)

Login

Registered User

User Name

Password

Administrator

View Mode

Flash HTML

Flash Player is necessary to see in Flash form. Get ADOBE FLASHPLAYER

User Assist

When in warning, the dialog is displayed.

Login



To log on as a different user or an administrator, log off.



Log on again.

KONICA MINOLTA PageScope Web Connection - Microsoft Internet Explorer

File Edit View Favorites Tools Help

KONICA MINOLTA PAGE SCOPE Web Connection

Language OS Language (OS Language)

Login

☒ Registered User

User Name

Password

☐ Administrator

View Mode

☒ Flash ☐ HTML

Flash Player is necessary to see in Flash form. Get ADOBE FLASH PLAYER

User Assist ☐ When in warning, the dialog is displayed.

Login

Logging off

When the [Logout] in the upper right screen is clicked, a logoff confirmation screen appears. Click [OK], and the logon page appears again.

Information - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Public Logout

Ready to Scan

Ready to Print

Information Job Box Direct Print Store Address

Device Information

- Configuration Summary
- Option
- Consumables
- Meter Count
- Online Assistance
- Network Setting Information
- Print Setting Information
- Print Information

Logout

Are you sure you want to log-out?

OK Cancel



Detail

The logon page that appears differs depending on the authentication settings specified on the machine.

If a timeout occurs because no operation is performed for a set length of time while logged on or if the authentication settings are changed from the machine's control panel while logged on to User mode, you will automatically be logged off.

For details on specifying the timeout periods for User mode and Administrator mode, refer to "Auto Logout" on page 3-34.

Logging on

Depending on the logon method used, PageScope Web Connection will be in User mode or Administrator mode. Depending on the specified user authentication and user box administrator settings, it is also possible to log on to User mode as a user box administrator or an administrator.



Detail

If control panel settings have been specified to allow user box administrators, it is possible to log on to PageScope Web Connection as a user box administrator. For details on the user box administrator settings, permissions and password, refer to the User's Guide [Box Operations].

When logged on to User mode as an administrator, jobs that could not be deleted in Administrator mode can be deleted.

Options that can be selected when logged on to PageScope Web Connection

If necessary, select the display language and format.

If "When in warning, the dialog is displayed." check box is selected, warning messages appear during operation after logon.

If "Flash" is selected as the display format, the following items are displayed using Flash.

- Status icons and messages
- Status of "Paper Tray" in the page displayed when "Device Information" is selected on the Information tab.
- Tab on the Job tab

Flash Player is required in order to use the "Flash" features.

If screen reader software is used, we recommend selecting "HTML" as the display format. In an IPv6 environment, select "HTML".

Logging on as a public user

If user authentication settings have not been specified on the machine, logon will be as a public user. In the logon page, select "Public User", and then click the [Login] button.

Logging on as a registered user

If user authentication settings have been specified on the machine, the name and password for a registered user is required to log on. In the logon page, enter the user name and the password, and then click the [Login] button.

- If account track settings have been specified, type in the account name and password.
- To select a user name from a list, click the [User List] button.
- If external server authentication is selected, select a server.
- To log on to PageScope Web Connection as the administrator in User mode, select "Administrator " - "Administrator (User Mode)", and then enter the administrator password.



Reminder

If "Prohibited Functions When Authentication Error" in Administrator mode is set to "Mode 2" and a user enters an incorrect password the specified number of times, that user is locked out and can no longer use the machine. Contact the administrator to cancel operation restrictions.

The [User List] button can be used when "User Name List" is specified as "ON".



Detail

If authentication is performed with PageScope Authentication Manager, contact your server administrator for log on.

Logging on to Administrator mode

In order to specify system and network settings, log on to Administrator mode. In the logon page, select "Administrator" and then click the [Login] button, enter the administrator password, and then click the [OK] button.



Note

When logged on to Administrator mode, the control panel of the machine is locked and cannot be used.

Depending on the status of the machine, you may not be able to log on to Administrator mode.

If "Prohibited Functions When Authentication Error" in Administrator mode is set to "Mode 2" and an incorrect password is entered the specified number of times, it is no longer possible to log on to Administrator mode. For details on the "Prohibited Functions When Authentication Failed" parameter, refer to the User's Guide [Copy Operations].

The password input page that appears differs depending on the settings specified on the machine.

Logging on as a user box administrator

If user authentication settings have been specified on the machine, a user can log on to User mode as an administrator to delete jobs. In addition, if control panel settings have been specified to allow user box administrators, it is possible to log on to User mode as a user box administrator.

- In the login page, select "Administrator", and then click the [Login] button.
 - To log on to PageScope Web Connection as the user box administrator in User mode, select "User Box Administrator", and then enter in the password for the user box administrator.

**Reminder**

If "Prohibited Functions When Authentication Error" in Administrator mode is set to "Mode 2" and an incorrect password is entered the specified number of times, it is no longer possible to log on to Administrator mode. For details on the "Prohibited Functions When Authentication Failed" parameter, refer to the User's Guide [Copy Operations].

The password input page that appears differs depending on the settings specified on the machine.



2 User mode

The User mode provides functions for checking and operating the machine on a user level. You can select from five tabs (Information, Job, Box, Direct Print, and Store Address). This section contains descriptions of the items in the menu that appears on the left side of the page when each User mode tab is clicked.



Detail

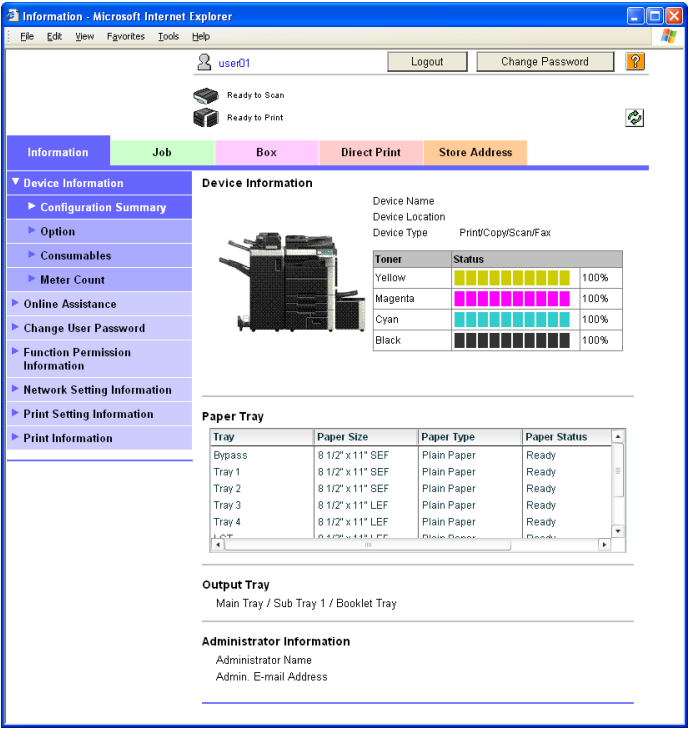
For details on the functions, refer to the User's Guide [Box Operations], User's Guide [Network Scanner Operations] and the User's Guide [Print Operations].

2.1 Information tab

On the Information tab, information and settings concerning the system configuration of the machine are displayed.

Device Information - Configuration Summary

The system configuration and status of the machine are displayed. This is the first page that appears when the machine is accessed with PageScope Web Connection.



Item	Description
Device Information	Displays device information and the toner status.
Paper Tray	Displays the name of each installed paper tray, the size and type of the loaded paper, the remaining paper quantities and the paper capacities.
Output Tray	Displays the name of each installed output tray.
Administrator Information	Displays the administrator information.
Unavailable Information	Displays the information for paper trays and functions that cannot be used.



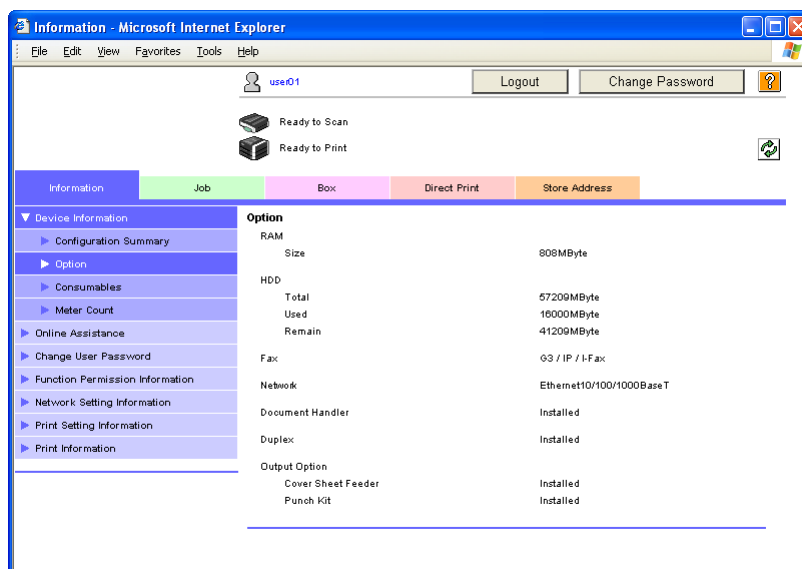
Detail

If "HTML" was selected as the display format during login, the [Detail] button appears under "Paper Tray". Select a paper tray and click the [Detail] button to view detailed information about the selected paper tray.

For details on displaying information about unavailable features, contact your technical representative.

Device Information - Option

The size of the machine's memory, the hard disk status, and the installation status of options can be displayed.

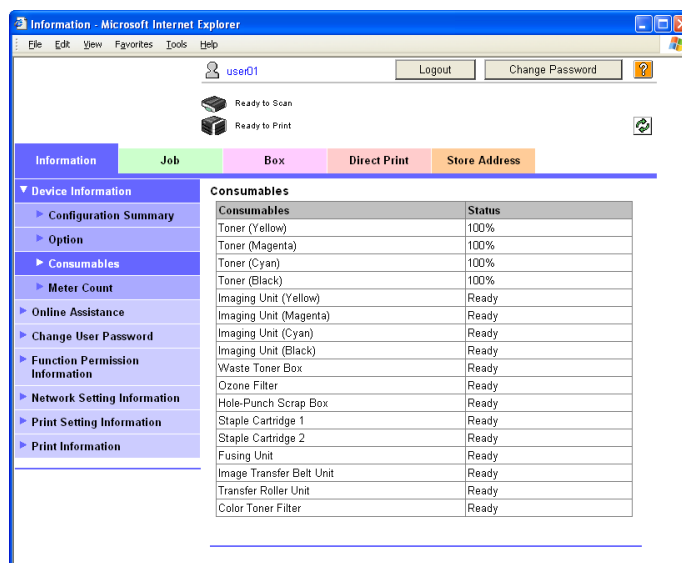


Item	Description
RAM, HDD, Network	Displays information on the memory, hard disk drive and network.

The installed options are displayed.

Device Information - Consumables

Information about consumables for the machine is displayed.



Item	Description
Toner (Yellow/Magenta/Cyan/Black) Imaging Unit (Yellow/Magenta/Cyan/Black) Waste Toner Box Ozone Filter Hole-Punch Scrap Box Staple Cartridge (1, 2) Fusing Unit Image Transfer Belt Unit Transfer Roller Unit Color Toner Filter	Displays information for each of the items.

**Note**

The information that is displayed differs depending on the options that are installed.

Device Information - Meter Count

Counters managed by the machine can be displayed.

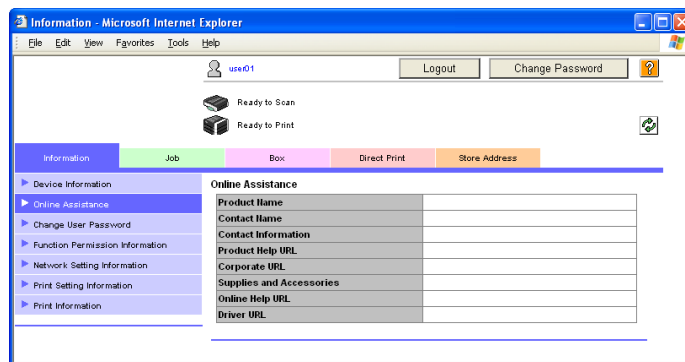
The screenshot shows a web interface for a device's meter count. It includes a navigation menu on the left with options like 'Device Information', 'Configuration Summary', 'Option', 'Consumables', 'Meter Count', 'Online Assistance', 'Change User Password', 'Function Permission Information', 'Network Setting Information', 'Print Setting Information', and 'Print Information'. The main content area displays several tables of counters, all with zero values:

- Total Counter:** Total (0), Total Duplex (0), # of Originals (0), # of Used Paper (0).
- Copy Counter:** Table with columns: Full Color, Black, Single Color, 2 Color, Total. Rows: Total (0), Large Size (0).
- Print Counter:** Table with columns: Full Color, Black, 2 Color, Total. Rows: Total (0), Large Size (0).
- Scan / Fax Counter:** Table with columns: Print (Full Color), Print (Black), Scans. Rows: Total (0), Large Size (0), Fax TX (0), Fax RX (0).
- Total (Copy + Print):** Table with columns: Full Color, Black, 2 Color. Row: Total (0).

Item	Description
Total Counter	Displays totals for the output counters (Copy, Print, Scan/Fax).
Copy Counter	Displays the various counters.
Print Counter	
Scan Counter (appears as Scan/Fax Counter if the optional fax kit has been installed)	
Total (Copy + Print)	Displays the counters for the Color settings.

Online Assistance

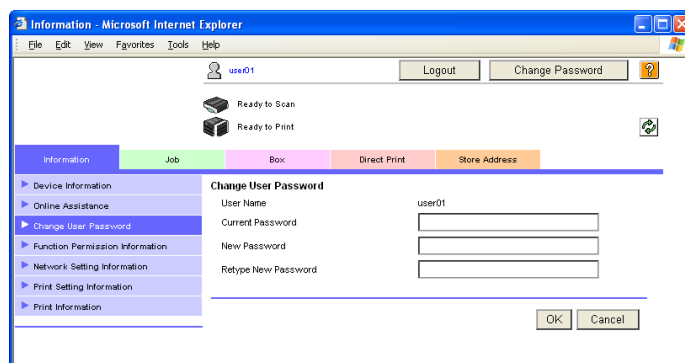
Support information for the machine can be displayed.



Item	Description
Product Name	Displays the product name.
Contact Name	Displays the information entered on the page that appeared after clicking "Online Assistance" in the menu on the Maintenance tab in Administrator mode.
Contact Information	
Product Help URL	
Corporate URL	
Supplies and Accessories	
Online Help URL	
Driver URL	

Change User Password

The password for the user who is logged on can be changed.



Item	Description
User Name	Displays the name of user who is logged on.
Current Password	Type in the current password.
New Password	Type in the new password (up to 64 characters, excluding " and +).
Retype New Password	Type in the new password again for confirmation.



Detail

"Change User Password" appears only if user authentication settings have been specified for machine authentication.



Reminder

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

If a user password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

Function Permission Information

Information on operations permitted by users and accounts can be displayed.

Item	Description
Function Permission*	Displays whether or not each machine operation can be used.
Output Permission (Print/TX)	Displays whether or not each machine output operation can be used.
Upper Limit Management	Displays the maximum limits and current counter values. "Meter Count" does not appear if authentication is performed with PageScope Authentication Manager.

* This is only displayed in user registration information.

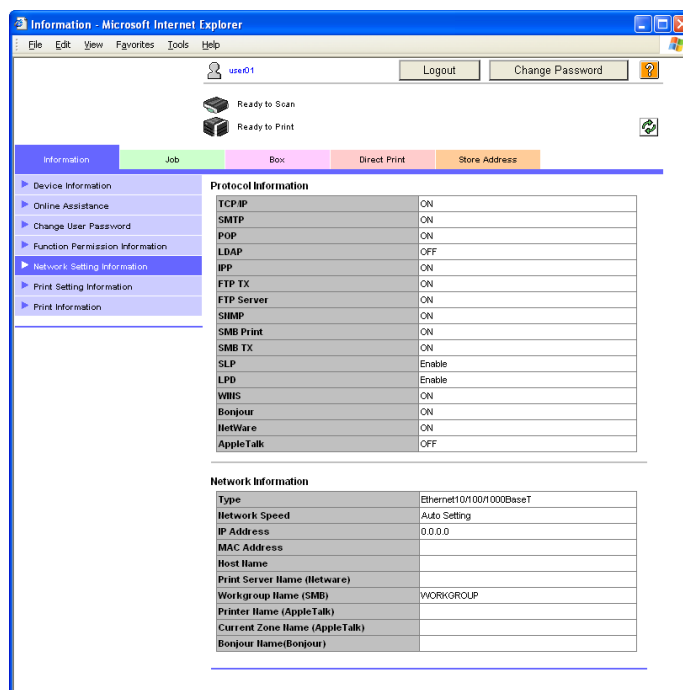


Detail

If user authentication and account track settings have been specified on the machine, "Function Permission Information" appears in the menu. If user authentication or account track settings have not been specified, only the specified function permissions are displayed.

Network Setting Information

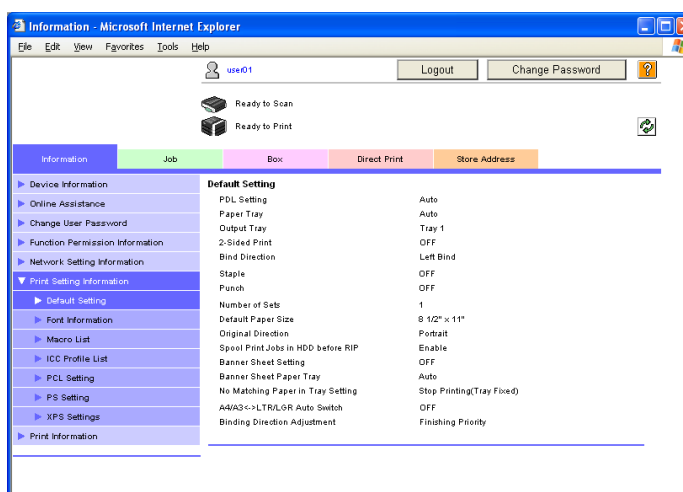
Network settings for the machine can be displayed.



Item	Description
Protocol Information	Displays the usage status for each protocol.
Network Information	Displays information about the network.

Print Setting Information

Settings for the printer controller of the machine can be displayed. A print job sent with no settings specified is printed with these settings.

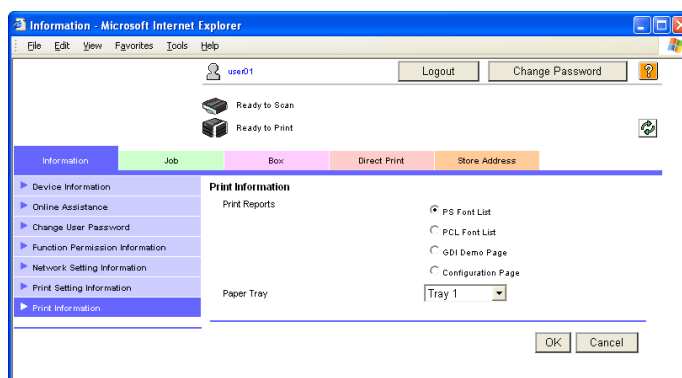


The following information can be selected from the submenu.

Item	Description
Default Setting	Displays information for each of the items.
Font Information	
Macro List	
ICC Profile List	
PCL Setting	
PS Setting	
XPS Settings	

Print Information

Font and settings information can be printed. Select the report to be printed, select a paper tray from the "Paper Tray" list, and then click the [OK] button.



Item	Description
PS Font List	Prints the list of fonts that can be used with PostScript.
PCL Font List	Prints the list of fonts that can be used with PCL.
GDI Demo Page	Prints the GDI demo page.
Configuration Page	Prints the list of print settings specified for the machine.
Paper Tray	Select the paper tray loaded with the paper used for printing the reports.



Note

It may not be possible to print reports while the machine is processing a job.

2.2 Job tab

On the Job tab, the jobs managed by the machine are displayed. The display of the Job tab differs depending on the display format selected during logon.

Current Jobs

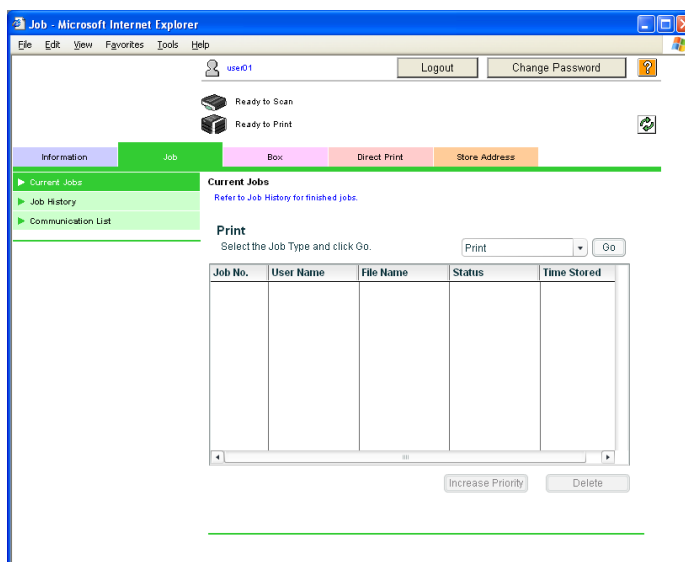
The jobs being performed and the jobs queued to be performed can be viewed. Select a job type, and then click the [Go] button.

Select from the following job types.

Item	Description
Print	Displays a list of print jobs and their details.
TX	Displays a list of transmission jobs and their details.
RX*	Displays a list of fax reception jobs and their details.
Save	Displays a list of user box jobs and their details.

* Appears if fax operations are available.

Sample page of print jobs



- The number assigned to the job when it was queued in the machine appears as the job number.
- To output a job sooner, select the job, and then click the [Increase Priority] button (with print jobs). The output priority setting is not available if an administrator is logged on.
- To view the list of destination, select the job, and then click the [Display Broadcast Destination] button (with transmission jobs).
- To delete a job, select the job, and then click the [Delete] button.



Detail

If "HTML" was selected as the display format during logon, a drop-down list for page selection appears below Job Type. This is used for selecting the page to be displayed when the number of jobs is too large to view in one page.

If an administrator or user box administrator is logged on, jobs of registered users can be deleted.

Job History

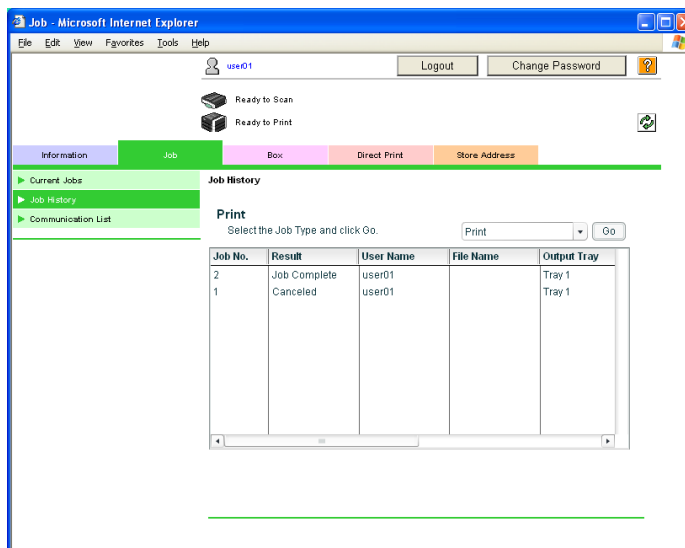
The completed jobs can be viewed. Select a job type, and then click the [Go] button.

Select from the following job types.

Item	Description
Print	Displays a list of print jobs and their details.
TX	Displays a list of transmission jobs and their details.
RX*	Displays a list of fax reception jobs and their details.
Save	Displays a list of user box jobs and their details.

* Appears if fax operations are available.

Sample page of print jobs



- The number assigned to the job when it was queued in the machine appears as the job number.



Detail

If "HTML" was selected as the display format during logon, a drop-down list for page selection appears below Job Type. This is used for selecting the page to be displayed when the number of jobs is too large to view in one page.

If "HTML" was selected as the display format during logon, the [Detail] button appears. Select a job and click the [Detail] button to view detailed information about the selected job.

Communication List

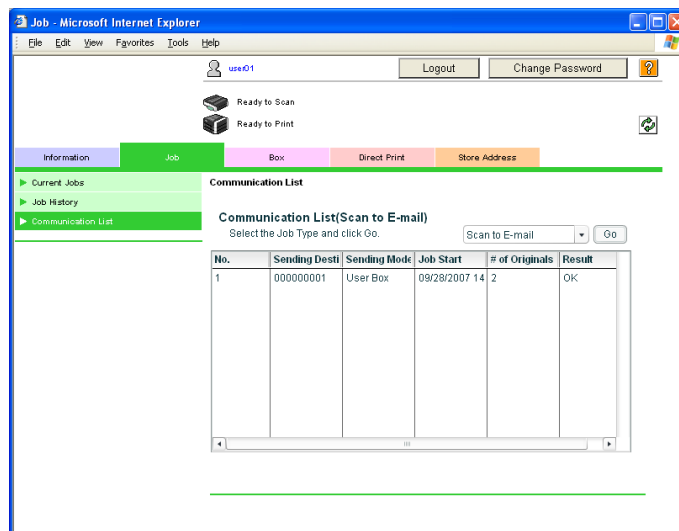
The completed transmission and reception jobs can be viewed. Select a job type, and then click the [Go] button.

Select from the following job types.

Item	Description
Scan to E-mail	Displays a list of scan transmission (e-mail, FTP and SMB) jobs and their details.
Fax TX*	Displays a list of fax transmission jobs and their details.
Fax RX*	Displays a list of fax reception jobs and their details.

* Appears if fax operations are available.

Sample page when "Scan to E-mail" is selected



Detail

If "HTML" was selected as the display format during logon, the [Detail] button appears. Select a job and click the [Detail] button to view detailed information about the selected job.

2.3 Box tab

From the Box tab, user boxes can be created for use with the User Box mode or user box settings can be changed. In addition, documents in user boxes can be printed, sent or downloaded. For details on the various user boxes and User Box mode functions, refer to the User's Guide [Box Operations].



Note

If an administrator or user box administrator is logged on, the settings for user boxes can be changed or the user boxes can be deleted without the box password being entered.

Open User Box

A list of all currently created user boxes (public user boxes, personal user boxes and group user boxes) can be displayed, and the user box to be opened can be specified.

The screenshot shows the 'Box' tab interface in a web browser. At the top, there's a navigation bar with 'Information', 'Job', 'Box' (selected), 'Direct Print', and 'Store Address'. The 'Open User Box' section is active, showing a form to open a specific user box. Below this, the 'User Box List' section displays a table of existing user boxes.

User Box Number	User Box Name	Type	Time Stored
1	box-public	Public	06/11/10 13:15
2	box-user01	Personal	06/11/10 13:35
3	box-abc	Group	06/11/10 13:36

Open User Box (Public/Group/Personal)

Item	Description
User Box Number	Type in the number of the user box to be opened.
User Box Password	Type in the password if one has been specified for the user box.

User Box List

Item	Description
Search from Index	Displays the list of user boxes according the index search characters selected when the box was created.
Page (Display by 50 cases)	If there are more than 50 user boxes, specify the page to be displayed.
User Box List	Displays the user box number, user box name, user box type and date/time that the box was created. appears beside user boxes where a password has been specified.

- From the User Box List, click the name of the desired user box. Otherwise, type in the user box number and password, and then click the [OK] button.
Basic user box information and the list of documents saved in the user box are displayed.



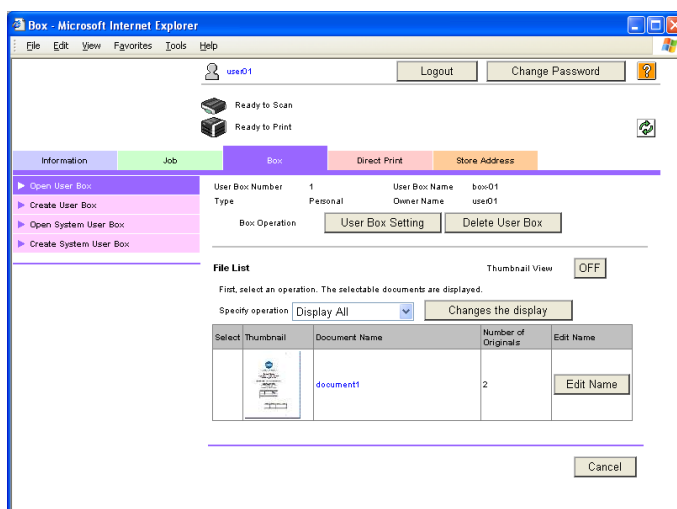
Reminder

If "Prohibited Functions When Authentication Error" in Administrator mode is set to "Mode 2" and a user enters an incorrect user box password the specified number of times, that box is locked and can no longer be used. Contact the administrator to cancel operation restrictions.



Detail

When the name of a user box is clicked, a page for entering the password appears if a password has been specified for the box.



Item	Description
[User Box Setting] button	Click this button to change the user box settings. For details, refer to "Changing user box settings" on page 2-16.
[Delete User Box] button	Click this button to display a page to delete the user box.
Thumbnail View	Select whether or not thumbnails are displayed in the list of documents.
Specify operation	Select the operation to be performed with the document. For details, refer to "Document operations" on page 2-13.
[Changes the display] button	Click this button to display the "Select" check box beside all documents with which the selected operation can be performed.
Select	A check box appears beside all documents with which the selected operation can be performed.
Thumbnail	A thumbnail is displayed if the thumbnail view is turned on.
Document Name	Displays the name of the document. Click the name to display details about the document.
Number of Originals	Displays the number of pages in the document.
[Edit Name] button	Click this button to change the document name.
[Cancel] button	Click this button to return to the User Box List page



Note

If an administrator is logged on, the File List is not displayed.

If authentication is performed with PageScope Authentication Manager and an administrator or user box administrator is logged on, [User Box Setting] and [Delete User Box] do not appear when a personal user box is selected.

Document operations

Select from the following document operations.

- Display All
- Print
- Send to other device
- Download to PC
- Move/Copy
- Delete

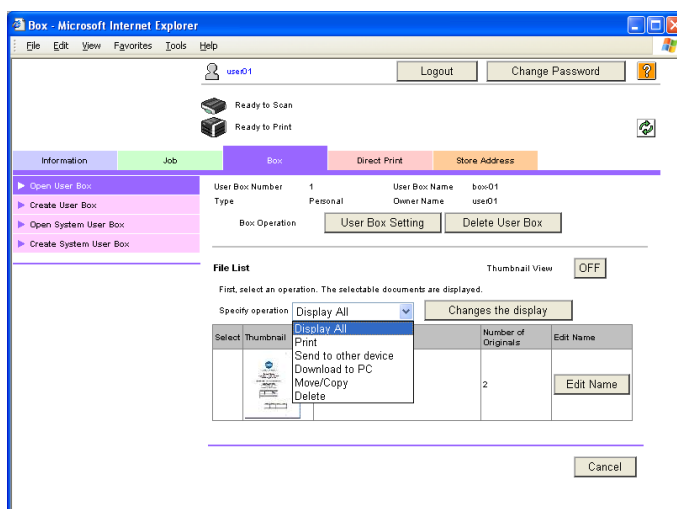


Detail

"Send to other device" and "Download to PC" can be used with documents saved in Fax/Scan mode.

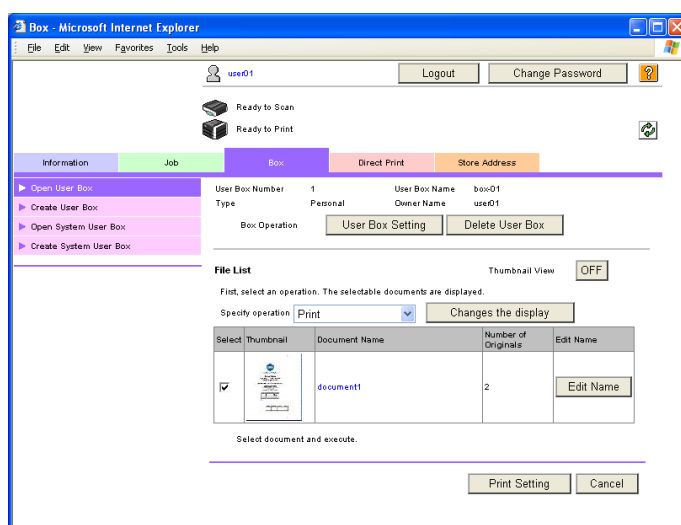
Some operations and documents may not be available, depending on the function limitation and output permission settings specified for the account or user who is logged on.

- 1 Select the operation from the "Specify operation" list, and then click the [Changes the display] button.



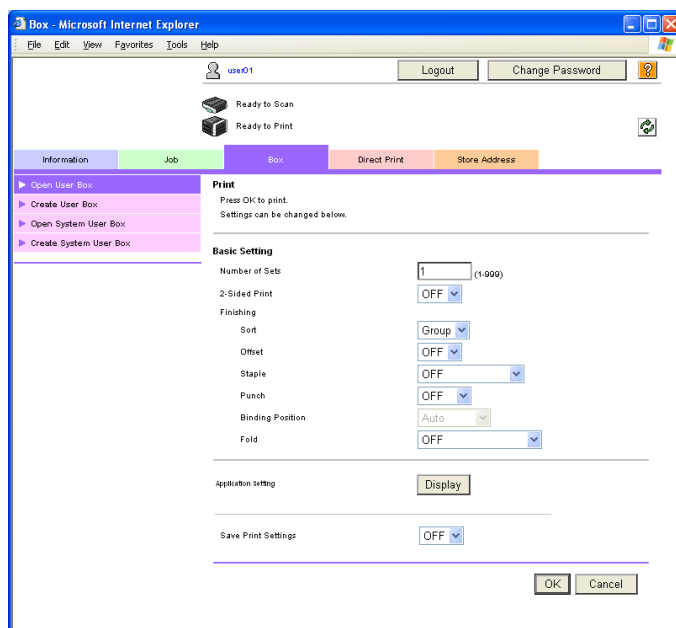
A check box appears beside all documents with which the selected operation can be performed.

- 2 Select the check box beside the documents with which the operation is to be performed, and then click the settings button.



The corresponding settings page appears.

- 3 Specify the desired settings, and then click the [OK] button.
When the [Print Setting] button is clicked



- Click the [Cancel] button to return to the File List page.

Settings available with the [Print Setting] button

Item	Description
Change order	This appears if multiple documents were selected. Select a document, and then click the [Top], [Up], [Down] or [Bottom] button to change the document order. To return the documents to their original order, click the [Undo] button. To display the documents as thumbnails, click the [Thumbnail View] button.
Combine	This setting appears if multiple documents were selected. Multiple documents can be combined and printed as a single document. This setting is not available if 11 or more documents are selected. If "OFF" is selected, settings cannot be specified for "Basic Setting" and "Application Setting".
Number of Sets	Type in the number of copies to be printed. (Range: 1 to 9999)
2-Sided Print	Select whether or not double-sided printing is performed.
Finishing	Select the settings for sorting, grouping, stapling, hole punching, folding and the binding position. If multiple documents were selected, "Group" and "Sort" is not available.
Page Margin	Specify the width of the margins at the top and left and right sides of the page.
Image Shift	The image can be shifted in order to create page margins. Select how to shift the image to the left and right or up and down, according to the desired location for the page margins.
Change Back Shift	The image on the back side of the paper can also be shifted in order to create page margins during double-sided printing. Select how to shift the image to the left and right or up and down, according to the desired location for the page margins.
Sheet Cover/Chapter Insert	Specify settings for cover sheets, insertion sheets and chapter title pages.
Stamp	Specify settings for the following. Date/Time Setting: The printing date and time can be printed on the document pages. Page: Page numbers can be printed on all document pages. Preset Stamp: Preset text can be printed on the pages. Copy Protect: Hidden text can be printed on all document pages in order to prevent unauthorized copying. Stamp Repeat: Text or images can be repeatedly printed throughout all pages.
Save Print Settings	Select whether to save the print settings. This does not appear if multiple documents were selected.

Settings available with the [TX Setting] button

Item	Description
Change order	This appears if multiple documents were selected. Select a document, and then click the [Top], [Up], [Down] or [Bottom] button to change the document order. To return the documents to their original order, click the [Undo] button. To display the document list as thumbnails, click the [Thumbnail View] button.
Specify destination	To select from a list of destinations, click the [Search from List] button. A destination can also be searched for using its number, index characters or type. To check the transmission destinations, click the [Check Destination] button.
Bind TX	This setting appears if multiple documents were selected. Multiple documents can be combined and sent as a single document. This setting is not available if 11 or more documents are selected. If "OFF" is selected, settings cannot be specified for "File Type" and "Application Setting".
File Type	Select the file format ("PDF", "JPEG", "TIFF", "Compact PDF", "XPS" or "Compact XPS"). The "JPEG" setting cannot be selected for a received fax saved in a user box.
Page Setting	Select the page setting ("Multi Page" or "Single Page").
Encryption	Select whether to encrypt the document being sent. If it is to be encrypted, specify the encryption level, the password for opening the document, and any other settings for limiting printing and editing.
Combine Method	Specify how to combine information to be added to a stamp.
E-Mail Settings	Specify the document name, subject, From address and message body for sending e-mail messages.
URL Notification Setting	Specify the e-mail address where notifications of completion of the job are to be sent. The destinations that can be specified for URL notification are User Box, FTP, SMB or WebDAV destinations.
Stamp	Specify settings for the following. Date/Time Setting: The printing date and time can be printed on the document pages. Page: Page numbers can be printed on all document pages. Preset Stamp: Preset text can be printed on the pages. Page Print: The document can be printed at the same time that is sent.

Settings available with the [Download Setting] button

Item	Description
Change order	This appears if multiple documents were selected. Select a document, and then click the [Top], [Up], [Down] or [Bottom] button to change the document order. To return the documents to their original order, click the [Undo] button. To display the document list as thumbnails, click the [Thumbnail View] button.
Number of Originals	Displays the number of pages in the original.
Color Type	Displays the color type.
File Format	Select the file format ("PDF", "JPEG", "TIFF", "Compact PDF", "XPS" or "Compact XPS").
Page Range	Specify the pages to be downloaded. If "Page" is selected, specify the starting and ending pages. If multiple documents were selected, "ALL" is selected. If "JPEG" was selected as the file format, "Page" is selected.

Settings available with the [Move/Copy Setting] button

Item	Description
User Box Number	To select a destination from the list of user boxes, click the [Search from List] button. A destination can also be searched for using the page number or index characters.
Copy	Select this check box to copy the document.

Settings available with the [Delete] button

Item	Description
Selected File	Displays the names of the selected documents. When multiple documents are selected, the [Thumbnail View] button appears. To display the documents as thumbnails, click the [Thumbnail View] button.

Changing user box settings

→ In the File List page, click the [User Box Setting] button.

Item	Description
User Box Number	Displays the user box number. This cannot be changed.
User Box Name	Type in a user box name of a maximum of 20 characters.
Index	Select the indexing characters.
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days" or "30 days") that a document is stored in a user box.
User Box Expansion Function is changed.	This setting appears when the optional fax kit is installed. To change the confidential reception function, select the check box. Select "ON" or "OFF", and then specify the password (up to 8 characters, including only numerals, * and #).
User Box Password is changed.	To change the user box password, select the check box. Type in the current password and the new password (up to 8 characters, excluding " and +).
User Box Owner is changed.	Select this when changing the User Box owner, and select the Box Type. To change the user box owner, select the check box, and then select the user box type. If "Personal" or "Group" is selected, specify the user box owner. To select a user box owner from a list, click the [User List] or [Account List] button. If authentication is performed with PageScope Authentication Manager and an administrator or user box administrator is logged on, this parameter does not appear when a public user box is selected.

Create User Box

New user boxes can be created.

Item	Description
User Box Number	Select how the registration number is to be specified ("Use opening number" or "Input directly"). If "Input directly" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number. (Range: 1 to 999999999).
User Box Name	Type in the user box name (up to 20 characters). If a user box password is to be specified, select the "Use Box Password" check box, and then type in the password (up to 8 characters, excluding " " and "+").
Index	Select the indexing characters.
Type	Select the user box type. If "Personal" or "Group" is selected, specify the user box owner. To select a user box owner from a list, click the [User List] or [Account List] button. The lists do not appear if authentication is performed with PageScope Authentication Manager.
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days" or "30 days") that a document is stored in a user box.
User Box Expansion Function	This setting appears when the optional fax kit is installed. To specify the confidential reception setting, click the [Display] button. Select the check box, and then specify the communication password (up to 8 characters, including only numerals, * and #).



Reminder

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

If a user box password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].



Note

If an administrator is logged on, only public user boxes can be created, and they cannot be changed.

Open System User Box

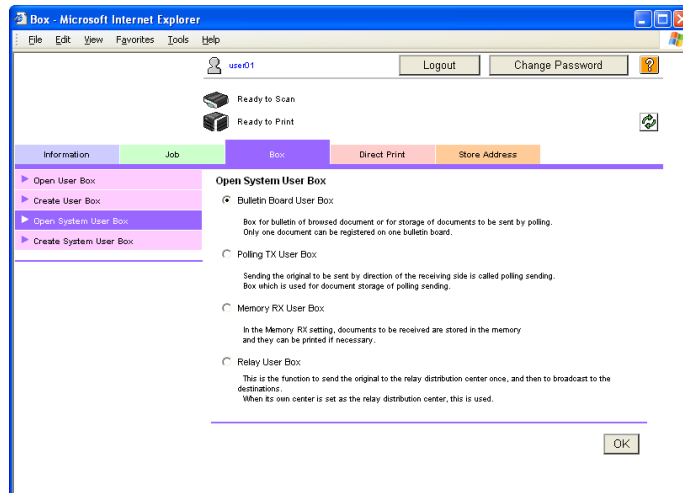
"Open System User Box" appears when the optional fax kit is installed. System user boxes (Bulletin Board User Box, Polling TX User Box, Memory RX User Box, Relay User Box) can be opened, and basic user box information and the list of documents saved in the user box can be displayed.



Note

If an administrator is logged on, system user boxes are displayed in the same way as in Administrator mode. For details, refer to "Open System User Box" on page 3-36.

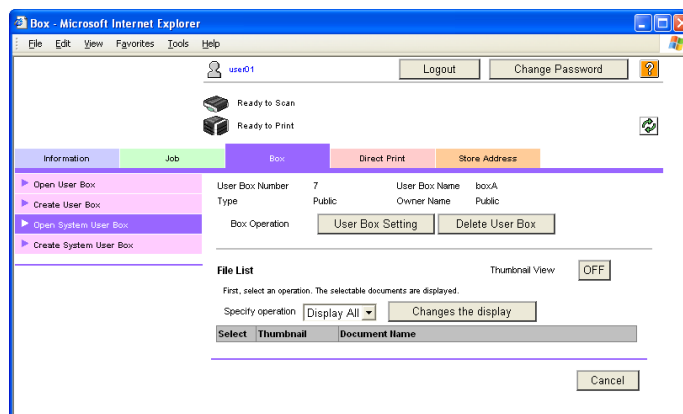
- Select the system user box type, and then click the [OK] button.



- If "Bulletin Board User Box" or "Relay User Box" is selected, a list of currently available user boxes appears. Type in the user box number and password, and then click the [OK] button. Otherwise, click the name of the desired user box in the list. If a user box password was specified, type in the password, and then click the [OK] button.
- If "Memory RX User Box" is selected, type in the password, and then click the [OK] button.

The user box information appears.

For a bulletin board user box



Note

Depending on the user box type, some displays and operations may not be available.

For details on the document operations, refer to "Document operations" on page 2-13.

For bulletin board user boxes and relay user boxes, click the [User Box Setting] button to change user box settings.

If authentication is performed with PageScope Authentication Manager and an administrator or user box administrator is logged on, [User Box Setting] and [Delete User Box] do not appear when a personal user box is selected.

The screenshot shows a web browser window titled 'Box - Microsoft Internet Explorer'. The address bar shows 'user01'. The page has a navigation bar with 'Information', 'Job', 'Box', 'Direct Print', and 'Store Address'. The 'Box' tab is selected. On the left, there are links: 'Open User Box', 'Create User Box', 'Open System User Box', and 'Create System User Box'. The main content area is titled 'User Box Attribute Change'. It contains the following fields and options:

- User Box Number: 4
- User Box Name: boxA
- Auto Delete Document: 1 day (dropdown menu)
- ☐ User Box Password is changed.
 - Current Password: [text input]
 - New Password: [text input]
 - Retype New Password: [text input]
- ☐ User Box Owner is changed.
 - Type: Public (dropdown menu)

At the bottom right are 'OK' and 'Cancel' buttons.

Change settings of the bulletin board user box

Item	Description
User Box Number	Displays the user box number. This cannot be changed.
User Box Name	Type in a user box name (up to 20 characters).
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days" or "30 days") that a document is stored in a user box.
User Box Password is changed.	To change the user box password, select the check box. Type in the current password and the new password (up to 8 characters, including only numerals, * and #).
User Box Owner is changed.	To change the user box owner, select the check box, and then select the user box type. If "Personal" or "Group" is selected, specify the user box owner. To select a user box owner from a list, click the [User List] or [Account List] button. If authentication is performed with PageScope Authentication Manager and an administrator or user box administrator is logged on, this parameter does not appear when a public user box is selected.

Change settings of the relay user box

Item	Description
User Box Number	Displays the user box number. This cannot be changed.
User Box Name	Type in a user box name (up to 20 characters).
Relay Address	Specify the relay address. Click the [Search from List] button, and then select an address from a list.
Relay TX Password is changed	To change the user box password, select the check box. Type in the current password and the new password (up to 8 characters, including only numerals, * and #).

Create System User Box

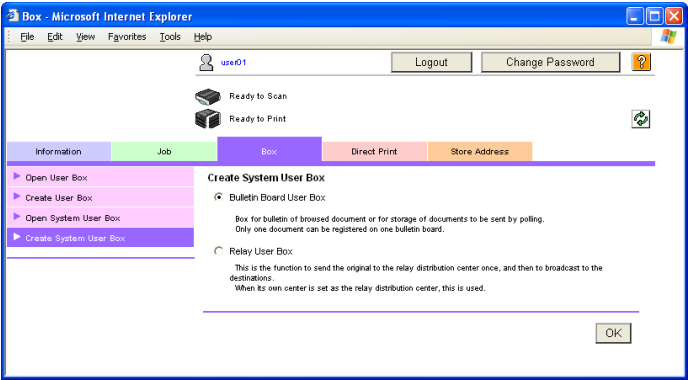
"Create System User Box" appears when the optional fax kit is installed. New bulletin board user boxes and relay user boxes can be created.

Select the user box type, and then click the [OK] button.

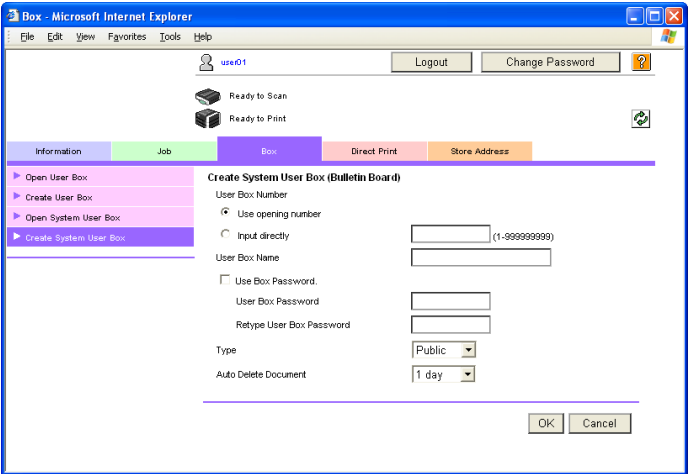


Note

If an administrator is logged on, system user boxes are created in the same way as in Administrator mode. For details, refer to "Create System User Box" on page 3-38.



For a bulletin board user box



Item	Description
User Box Number	Select how the registration number is to be specified ("Use opening number" or "Input directly"). If "Input directly" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number. (Range: 1 to 999999999).
User Box Name	Type in the user box name (up to 20 characters). If a user box password is to be specified, check the "Use Box Password" check box, and then type in the password (up to 8 characters, excluding " and +).
Type	Select the user box type. If "Personal" or "Group" is selected, specify the user box owner. To select a user box owner from a list, click the [User List] or [Account List] button. The lists do not appear if authentication is performed with PageScope Authentication Manager.
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days" or "30 days") that a document is stored in a user box.

For a relay user box

Item	Description
User Box Number	Select how the registration number is to be specified ("Use opening number" or "Input directly"). If "Input directly" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number. (Range: 1 to 999999999).
User Box Name	Type in the user box name (up to 20 characters).
Relay Address	Click the [Search from List] button, and then select an address from a list.
Relay TX Password	Type in the relay password (up to 8 characters, including only numerals, * and #).
Retype Relay TX Password	Type in the relay password again (up to 8 characters, including only numerals, * and #).



Reminder

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

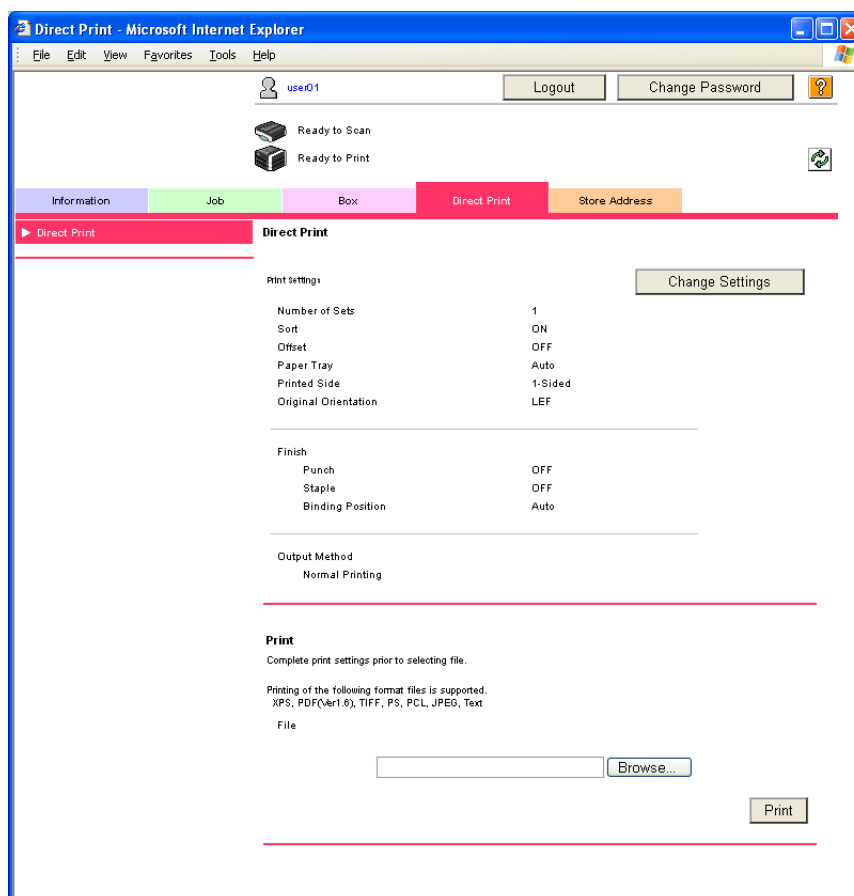
If a user box password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

2.4 Direct Print tab

From the Direct Print tab, files can be specified and printed.

Direct Print

Click the [Browse] button to select the file, and then click the [Print] button.



To change the print settings that are displayed, click the [Change Settings] button.



Note

If authentication settings have been specified and "Print without Authentication" is set to "Allow", direct printing can be used. Specify the setting for "Print without Authentication" from the control panel.

Some files cannot be printed, depending on their file format. Files in the following seven file formats can be printed

XPS/PDF (Ver. 1.6)/TIFF/PS/PCL/JPEG/Text

2.5 Store Address tab

From the Store Address tab, transmission destinations and user box destinations for saving data can be registered and their settings can be changed.



Detail

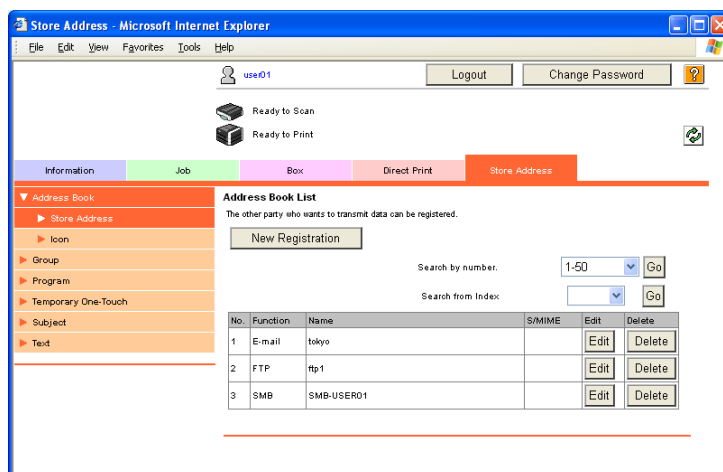
This menu appears if the user is permitted to change registered destinations. For details on specifying the setting that allows users to change registered destinations, refer to "Permission of Address Change" on page 3-34.

If a registered user is logged on, new destinations cannot be created unless the user is given access to the destinations.

Displaying the list of registered destinations and specifying "Reference Allowed Setting" for registered destinations may be limited, depending on the access permission level of the user who is logged on.

Address Book - Store Address

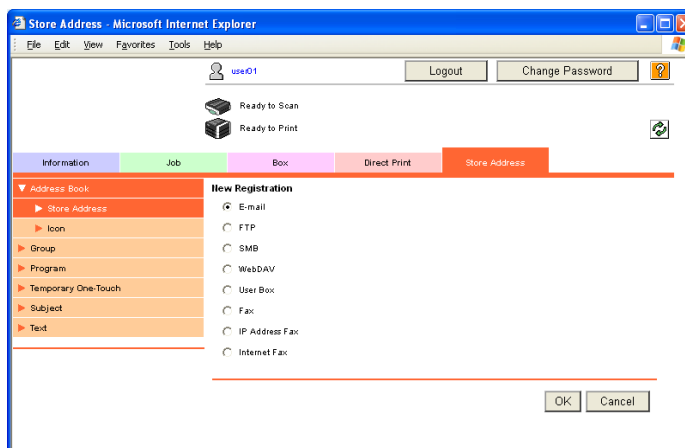
The list of destinations currently registered in the address book can be displayed, and destinations can be registered or their settings can be changed.



Item	Description
[New Registration] button	Click this button to register a new destination. For details, refer to "Registering a destination" on page 2-24.
Search from Number	Select a range of registration numbers, and then click the [Go] button to display the list of destinations with the displayed numbers.
Search from Index	Select index characters, and then click the [Go] button to display the list of destinations with the displayed index characters.
No.	Displays the registration number.
Function	Displays the specified transmission type.
Name	Displays the name of the registered destination.
S/MIME	Shows whether or not a certificate is attached to the e-mail destination.
[Edit] button	Click this button to display a page for changing the settings and editing the registered destination. The settings are the same ones available during registration. Cannot change the registration number.
[Delete] button	Click this button to display a page to delete the registered destination.

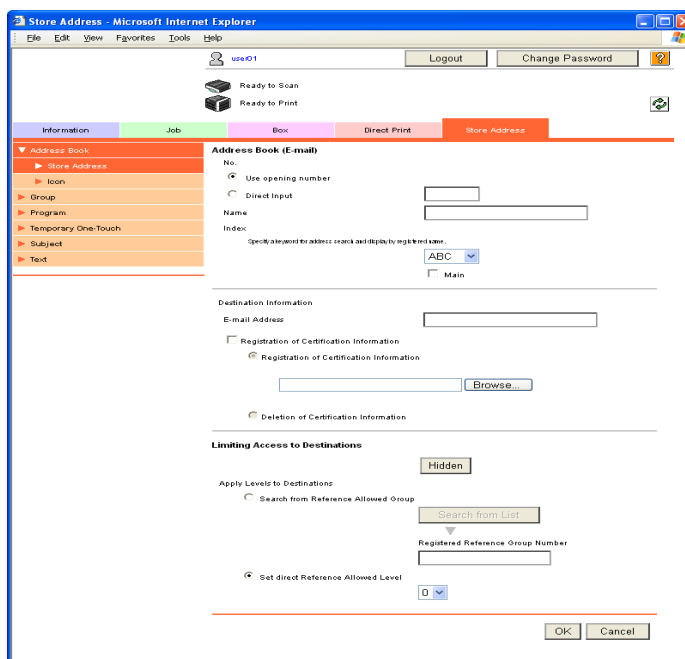
Registering a destination

- 1 In the Address Book List page, click the [New Registration] button.
- 2 Select the transmission type, and then click the [OK] button.



A page for registering a destination appears.

For an e-mail address



If "E-mail" was selected

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
E-mail Address	Type in the e-mail address of the destination (up to 320 characters).

Item	Description
Registration of Certification Information	Select this check box to register certificate information. Select "Registration of Certification Information". Click the [Browse] button, and then specify the certificate information. Only files in the DER (Distinguished Encoding Rules) format are supported for certificate information. To delete the certificate information, select "Deletion of Certification Information".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.



Reminder

If the E-mail address to be registered does not match the E-mail address of the certificate, the certificate cannot be registered. Confirm whether both E-mail addresses match, and then register the certificate.

If "FTP" was selected

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
Host Address	Type in the IP address or host name for the FTP server to be used for transmitting (up to 63 characters). To type in the host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
File Path	Type in the destination file path (up to 96 characters).
User ID	Type in the user ID (up to 47 characters).
Password	Type in the password (up to 31 characters).
anonymous	Select either "ON" or "OFF".
PASV Mode	Select either "ON" or "OFF".
Proxy	Select either "ON" or "OFF".
Port No.	Type in the port number. (Range: 1 to 65535; Default: 21)
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "SMB" was selected

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
Host Address	Type in the IP address or host name for the destination computer (up to 255 characters; host name in uppercase letters). To type in the host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
File Path	Type in the destination file path (up to 255 characters, uppercase letters).

Item	Description
User ID	Type in the user ID for the destination computer (up to 127 characters).
Password	Type in the password for the destination computer (up to 14 characters).
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "WebDAV" was selected

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
Host Address	Specify the IP address of the WebDAV server of the destination. If the DNS server is specified, the address can be specified using the host name (up to 255 characters). To type in the host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
File Path	Type in the destination file path (up to 47 characters).
User ID	Type in the user ID (up to 21 characters).
Password	Type in the password (up to 63 characters).
SSL Settings	Select either "ON" or "OFF".
Proxy	Select either "ON" or "OFF".
Port No.	Type in the port number. (Range: 1 to 65535; Default: 80)
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "User Box" was selected

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, select the "Main" check box.
User Box No.	Type in the number for the destination user box. (Range: 1 to 999999999) A user box can also be selected from a list by clicking the [Search from List] button.
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "Fax" was selected



Note

"Fax" appears if the optional fax kit has been installed.

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
Destination	Type in the fax number for the destination (up to 38 characters, including only numerals, #, *, -, T, P and E).
Confirm Fax Number	Enter the fax number again in order to prevent misentering of the fax number. This menu item appears when "Confirm Address (Register)" is set to [ON] from the control panel.
Line Setting	Select the line to be used ("No Selection", "Line 1" or "Line 2"). A setting can be selected if the optional fax multi line is installed.
Communication Setting	Click the [Display] button, and then select the check box for a displayed setting ("V34 Off", "ECM Off", "International Communication" or "Check Destination").
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "IP Address Fax" was selected



Note

"IP Address Fax" appears if the IP address fax operation is available.

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
Host Address	Type in the IP address or host name for the destination fax (up to 63 characters). To type in the host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
Port No.	Type in the port number. (Range: 1 to 65535; Default: 25)
Destination Machine Type	Select whether the destination is a color or monochrome machine.
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "Internet Fax" was selected



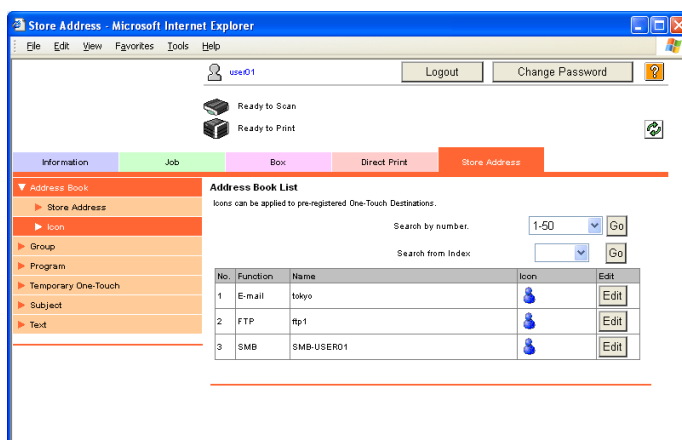
Note

"Internet Fax" appears if the Internet fax operation is available.

Item	Description
No.	Specify the registration number. Select "Use opening number" or "Direct Input". If "Direct Input" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.
Name	Type in the name of the destination (up to 24 characters).
Index	Select the index characters for the destination. To normally display the destination in the touch panel, check the "Main" check box.
E-Mail Address	Type in the address of the destination (up to 320 characters).
Resolution	Select the resolution.
Paper Size	Select the paper size.
Compression Type	Select the compression method.
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

Address Book - Icon

The list of destinations currently registered in the address book can be displayed, and destination icons can be registered or changed.



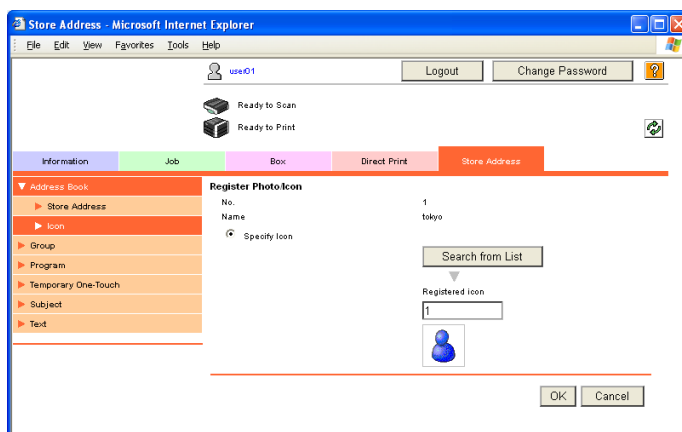
Note

The icons are used in the image panel function which can be operated when the optional i-Option LK-101 or LK-103 is installed.

For details on the available settings, refer to "Address Book - Store Address" on page 2-23.

Registering an icon

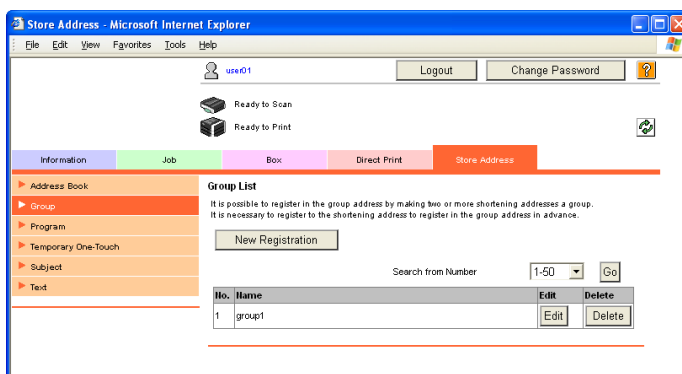
- Click the [Edit] button.
A page for registering an icon appears.



Item	Description
No.	The registration number of the address book appears.
Name	The registered name of the address book appears.
Specify Icon	From [Search from List], specify an icon for the address book.

Group

The list of currently registered group destinations can be displayed, and destinations can be registered or their settings can be changed.



Item	Description
[New Registration] button	Click this button to register a new destination. For details, refer to "Registering a group destination" on page 2-30.
Search from Number	Select a range of registration numbers, and then click the [Go] button to display the list of destinations with the displayed numbers.
No.	Displays the registration number.
Name	Displays the name of the registered destination.
[Edit] button	Click this button to display a page for changing the settings and editing the registered destination. The settings are the same ones available during registration.
[Delete] button	Click this button to display a page to delete the registered destination.

Registering a group destination

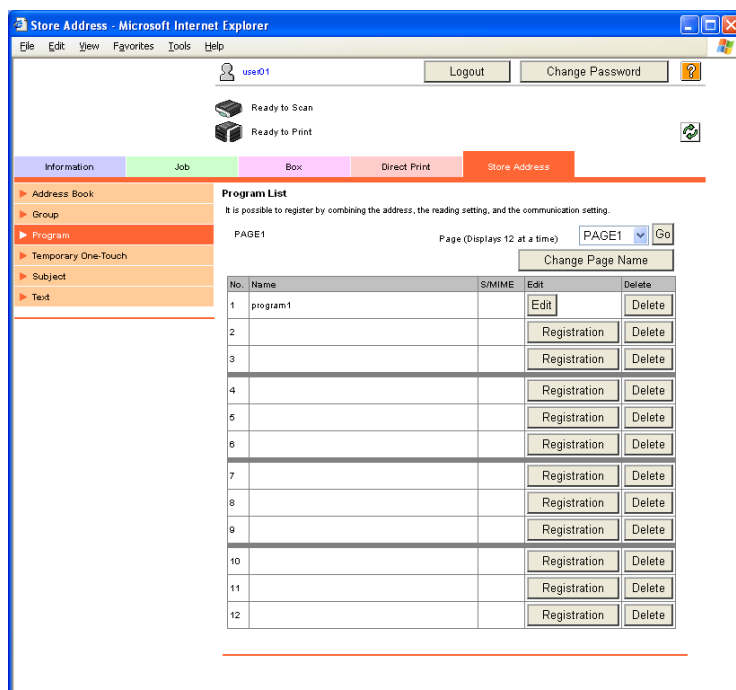
- In the Group List page, click the [New Registration] button.
A page for registering a destination appears.

Item	Description
Name	Type in the name of the destination (up to 24 characters).
Scan/Fax Address	To select a destination number from a list of address book destinations, click the [Search from List] button. An address book destination can also be searched for using its number, index characters or type.
User Box	To select a destination number from a list of address book destinations, click the [Search from List] button. An address book destination can also be searched for using its number or index characters.
[Check Destination] button	A page for checking the destinations appears.
Specify Icon	From [Search from List], specify an icon for the group destination. The icons are used in the image panel function which can be operated when the optional i-Option LK-101 or LK-103 is installed.
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

Select	No.	Function	Name	Address
<input type="checkbox"/>	1	E-mail	tokyo	tokyo@test.local
<input type="checkbox"/>	2	E-mail	osaka	osaka@test.local
<input type="checkbox"/>	3	E-mail	nagoya	nagoya@test.local
<input type="checkbox"/>	4	G3 Fax	tokyo-fax	03-3123-4567
<input type="checkbox"/>	5	G3 Fax	osaka-fax	06-6123-4567
<input type="checkbox"/>	6	SMB	SMB_USER01	\\192.168.1.10PUBLIC
<input type="checkbox"/>	7	SMB	SMB_USER02	\\192.168.1.20PUBLIC
<input type="checkbox"/>	8	FTP	FTP01	\\192.168.1.30public
<input type="checkbox"/>	9	FTP	FTP02	\\192.168.1.40public
<input type="checkbox"/>	10	IP	fax-IP-4c	192.168.1.50
<input type="checkbox"/>	11	IP	fax-IP-1c	192.168.1.60
<input type="checkbox"/>	12	Internet Fax	tokyo-ifax	tokyo-ifax@test.local
<input type="checkbox"/>	13	Internet Fax	osaka-ifax	osaka-ifax@test.local

Program

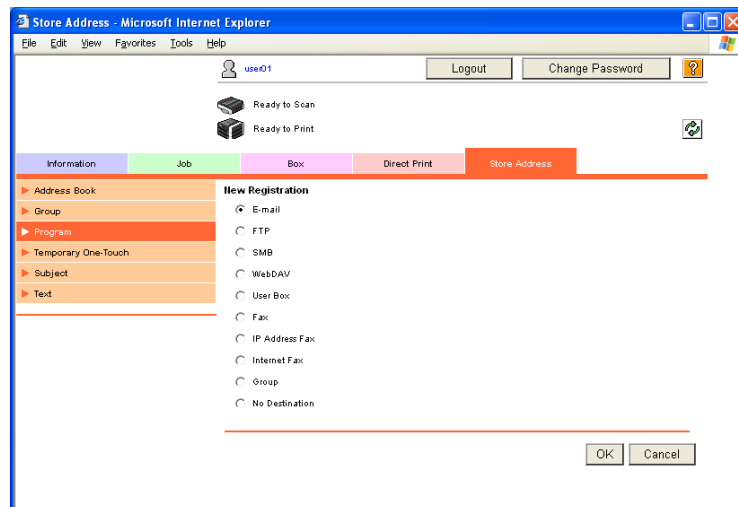
The list of currently registered program destinations can be displayed, and destinations can be registered or their settings can be changed.



Item	Description
Page (displays 12 at a time)	Select a page, and then click the [Go] button to display the page.
[Change Page Name] button	Click this button to change the page name.
No.	Displays the registration number.
Name	Displays the name of the registered destination.
S/MIME	Shows whether or not a certificate is attached to the destination.
Edit	If no program destination is registered, the [Registration] button appears. If a program destination is registered, the [Edit] button appears. Click the button to display the page for specifying the settings to either register or edit a program destination. E-mail destinations where an S/MIME certificate is registered cannot be changed.
[Delete] button	Click this button to display a page to delete the registered destination.

Registering a program destination

- 1 In the Program List page, click the [Registration] button for the number to be programmed.
- 2 Select the transmission type, and then click the [OK] button.



A page for registering a destination appears.

For an e-mail address



Detail

To select a registered program destination from the machine, press the [Mode Memory] key in the control panel.

If "E-mail" was selected.

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, type in the e-mail address (up to 320 characters). Select "Registration of Certification Information" to register certificate information. Click the [Browse] button, and then specify the certificate information. Only files in the DER (Distinguished Encoding Rules) format are supported for certificate information. To delete the certificate information, select "Deletion of Certification Information".
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Subject	Specify the e-mail subject. If "Not Specified" is selected, the default subject is used. To check the content of the subject, click the [Subject List] button.
Text	Specify the e-mail text. If "Not Specified" is selected, the default text is used. To check the content of the text, click the [Text List] button.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size

Item	Description
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "FTP" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, specify settings for the following. <ul style="list-style-type: none"> • Host Address • File Path • User ID • Password • anonymous • PASV Mode • Proxy • Port No. To type in the host address and host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.

Item	Description
Background Removal	Adjust density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	Specify whether to send notification of scan data URL. Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "SMB" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	<p>Specify the destination.</p> <p>Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, specify settings for the following.</p> <ul style="list-style-type: none"> • Host Address (Type the host name in uppercase letters.) • File Path (Type in uppercase letters.) • User ID • Password <p>To type in the host address and host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.</p>
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust density of the background.
Scan Size	<p>Select the document size ("Auto", "Standard Size" or "Custom Size").</p> <p>If "Standard Size" is selected, select the size and the feed direction.</p> <p>If "Custom Size" is selected, specify the height and width.</p>
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	<p>Specify whether to send notification of scan data URL.</p> <p>Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.</p>
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	<p>Specify whether to perform book scan.</p> <p>To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.</p>
Erase	<p>Specify whether to perform frame erase.</p> <p>To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").</p>
Compose (Date/Time)	<p>Specify whether to print the date/time.</p> <p>To specify this item, specify settings for the following.</p> <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size

Item	Description
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "FTP" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, specify settings for the following. <ul style="list-style-type: none"> • Host Address • File Path • User ID • Password • SSL Settings • Proxy • Port No. To type in the host address and host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust density of the background.

Item	Description
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	Specify whether to send notification of scan data URL. Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "User Box" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).

Item	Description
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, type in the number for the user box destination, or click the [Select from List] button and select from the list (1 to 999999999).
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	Specify whether to send notification of scan data URL. Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.

Item	Description
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "Fax" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, type in the address (up to 38 characters, including only numerals, #, *, T, P and E). Click the [Display] button beside "Communication Setting", and then select the communication setting ("V34 Off", "ECM Off", "International Communication", "Check Destination"). If the optional fax multi line is installed, the line can be selected.
Resolution	Select the resolution.
File Type	Select the file format.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
Timer TX	Select whether or not to enable timer transmission. If "ON" is selected, specify the time.
Password TX	Select whether or not to enable password transmission. If "ON" is selected, specify the password.
F-Code	Select whether or not to enable F-codes. If "Enable" is selected, type in the SUB address and password.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").

Item	Description
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "IP Address Fax" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, type in the host address. To type in the host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified. Type in the port number, and then select the destination type.
Resolution	Select the resolution.
File Type	Select the file format.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.

Item	Description
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
Password TX	Select whether or not to enable password transmission. If "ON" is selected, specify the password.
F-Code	Select whether or not to enable F-codes. If "Enable" is selected, type in the SUB address and password.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "Internet Fax" was selected

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).

Item	Description
Destination Information	Specify the destination. Select "Select from Address Book" or "Direct Input". To select a destination from the address book, click the [Search from List] button, and then select from the list of address book destinations. An address book destination can also be searched for using its number or index characters. To check the transmission destinations, click the [Check Destination] button. If "Direct Input" is selected, type in the e-mail destination. Select settings for the resolution, paper size and compression method.
Resolution	Select the resolution.
File Type	Select the file format.
Subject	Specify the e-mail subject ("Not Specified" or 1 through 10). If "Not Specified" is selected, the default subject is used. To check the content of the subject, click the [Subject List] button.
Text	Specify the e-mail text ("Not Specified" or 1 through 10). If "Not Specified" is selected, the default text is used. To check the content of the text, click the [Text List] button.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.

Item	Description
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "Group" was selected.

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Destination Information	Specify the destination. To select from a list of group destinations, click the [Search from List] button. A group destination can also be searched for using its number. To check the transmission destinations, click the [Check Destination] button.
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Subject	Specify the e-mail subject. If "Not Specified" is selected, the default subject is used. To check the content of the subject, click the [Subject List] button.
Text	Specify the e-mail text. If "Not Specified" is selected, the default text is used. To check the content of the text, click the [Text List] button.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	Specify whether to send notification of scan data URL. Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.
Timer TX	Select whether or not to enable timer transmission. If "ON" is selected, specify the time.
Password TX	Select whether or not to enable password transmission. If "ON" is selected, specify the password.
F-Code	Select whether or not to enable F-codes. If "Enable" is selected, type in the SUB address and password.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.

Item	Description
Special Original	Select "Normal", "Mixed Original", "Z-Folded Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

If "No Destination" was selected.

Item	Description
No.	Displays the registration number.
Name	Type in the name of the program (up to 24 characters).
Resolution	Select the resolution.
File Type	Select the file format.
File Name	Type in the file name (up to 30 characters).
Page Setting	Select how the data is to be saved.
Subject	Specify the e-mail subject. If "Not Specified" is selected, the default subject is used. To check the content of the subject, click the [Subject List] button.
Text	Specify the e-mail text. If "Not Specified" is selected, the default text is used. To check the content of the text, click the [Text List] button.
Simplex/Duplex	Select "1-Sided", "2-Sided" or "Cover Sheet + 2-Sided".
Original Type	Select the document quality, such as text or photo.

Item	Description
Color	Select the color mode. The file formats that can be saved may be limited according to the Color setting. For details, refer to the User's Guide [Network Scanner Operations].
Separate Scan	Select either "ON" or "OFF".
Density	Select the density.
Background Removal	Adjust the density of the background.
Scan Size	Select the document size ("Auto", "Standard Size" or "Custom Size"). If "Standard Size" is selected, select the size and the feed direction. If "Custom Size" is selected, specify the height and width.
Application Setting	Click the [Display] button, and then specify settings for the functions that are displayed.
E-mail Notification	Specify whether to send notification of scan data URL. Specify the destination address in the "Address" box. To select a destination from a list, click the [Search from List] button.
Timer TX	Select whether or not to enable timer transmission. If "ON" is selected, specify the time.
Password TX	Select whether or not to enable password transmission. If "ON" is selected, specify the password.
F-Code	Select whether or not to enable F-codes. If "Enabled" is selected, type in the SUB address and password.
Original Direction	Select the document orientation.
2-Sided Binding Direction	Select the position of the document binding margin.
Special Original	Select "Normal", "Mixed Original", "Z-Fold Original" or "Long Original" as the setting for the loaded document.
Book Scan	Specify whether to perform book scan. To specify this item, select settings for the scanning method and center erasing. If any setting other than "Book Spread" is selected for the scanning method, select the binding direction.
Erase	Specify whether to perform frame erase. To specify this item, specify the width that is erased on all sides of the document ("Top", "Bottom", "Left" and "Right").
Compose (Date/Time)	Specify whether to print the date/time. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Date Type • Time Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size
Compose (Page)	Specify whether to print page numbers. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Page Number (Range: -99999 to 99999) • Chapter (Range: -100 to 100) • Page Number Type • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Size
Compose (Header/Footer)	Selects whether to print a header/footer. To specify this item, specify the registration number of the header/footer. To check the registered header/footer, click the [Confirm Registered Contents] button.
Compose (Stamp)	Specify whether to print the stamp. To specify this item, specify settings for the following. <ul style="list-style-type: none"> • Preset Stamp or Registered Stamp • Print Position • Fine-Tune (for making fine adjustments to the print position) • Color • Pages • Size To check a registered stamp, click the [Confirm Registered Contents] button. A registered stamp must first be registered from the control panel.
Stamp Combine Method	Select "Image" or "Text".

Item	Description
Limiting Access to Destinations	To specify the access level of the destination, click the [Display] button. If an access permission group is specified for the user who is logged on, the settings for "Search from Reference Allowed Group" appear. If "Search from Reference Allowed Group" is selected, click the [Search from List] button, and then select an access permission group from the list. If "Set direct Reference Allowed Level" is selected, select a level.

Temporary One-Touch

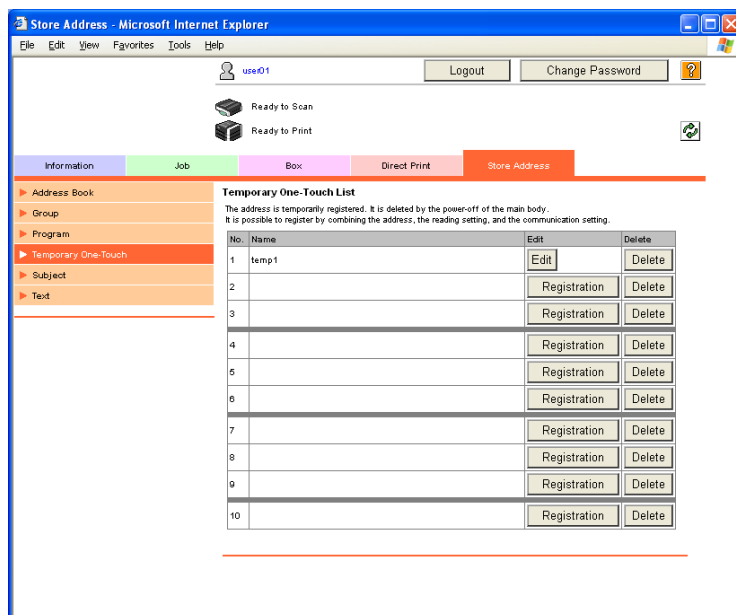
Destinations that will be used temporarily can be registered.

The list of currently registered temporary programs can be displayed, and new destinations can be registered or their settings can be changed.



Note

"Temporary One-Touch" appears if "Manual Destination Input" in Administrator mode is set to "Allow". Specify the setting for "Manual Destination Input" from the control panel.



Item	Description
No.	Displays the registration number.
Name	Displays the registered name.
Edit	If no program destination is registered, the [Registration] button appears. If a program destination is registered, the [Edit] button appears. Click the button to display the page for specifying the settings to either register or edit a program destination. E-mail destinations where an S/MIME certificate is registered cannot be changed.
[Delete] button	Click this button to display a page to delete the registered temporary program.

In the Temporary One-Touch List page, click the [Registration] button, select the transmission type, and then click the [OK] button to display a page to register a new temporary program. The settings are the same ones available when registering a program. For details, refer to "Program" on page 2-31.



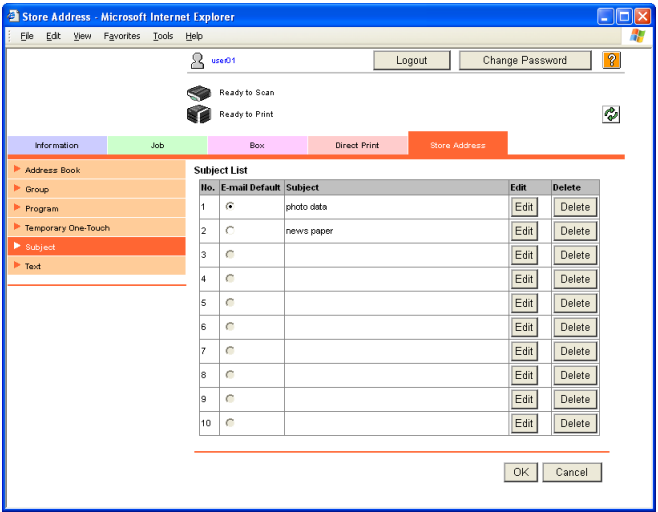
Detail

The Limiting Access to Destinations Settings do not appear for Temporary One-Touch.

To select a registered temporary program from the machine, press the [Mode Memory] key in the control panel, and then touch [Page List], then [Temporary One-Touch].

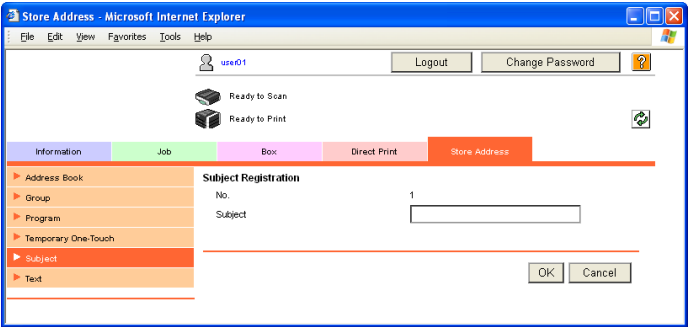
Subject

A maximum of 10 subjects for sending e-mail messages can be registered.



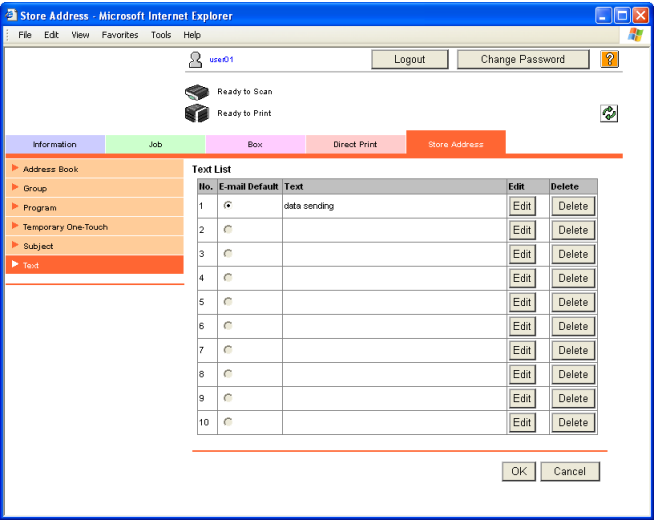
Item	Description
E-mail Default	Select the subject to be used if none is specified when sending e-mail.
Subject	Displays the registered e-mail subject.
[Edit] button	Click this button to display a page to register and edit e-mail subjects.
[Delete] button	Click this button to display a page to delete the registered e-mail subject.

Registration page



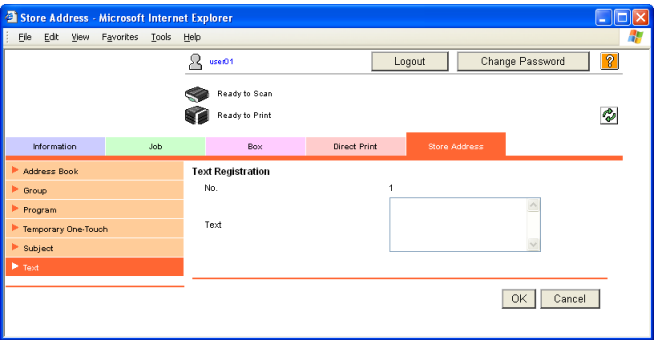
Text

A maximum of 10 texts for sending e-mail messages can be registered.



Item	Description
E-mail Default	Select the text to be used if none is specified when sending e-mail.
Text	Displays the registered e-mail text.
[Edit] button	Click this button to display a page to register and edit e-mail texts.
[Delete] button	Click this button to display a page to delete the registered e-mail text.

Registration page



3 Administrator mode

In Administrator mode, you can specify system settings for the machine. You can select from six tabs (Maintenance, Security, Box, Print Setting, Store Address, and Network). This section contains descriptions of the items in the menu that appears on the left side of the page when each Administrator mode tab is clicked.

For details on logging on to Administrator mode, refer to "Logging on to Administrator mode" on page 1-10.



Detail

For details on the functions, refer to the User's Guide [Box Operations], the User's Guide [Network Scanner Operations] and the User's Guide [Print Operations].

3.1 Maintenance tab

On the Maintenance tab, information and settings concerning the system configuration of this machine are displayed.

Meter Count

Counters managed by the machine can be displayed.

The screenshot displays the 'Maintenance' tab in a web browser. The interface includes a top navigation bar with tabs for Maintenance, Security, Box, Print Setting, Store Address, and Network. The left sidebar contains a list of settings, with 'Meter Count' selected. The main content area shows several counter tables:

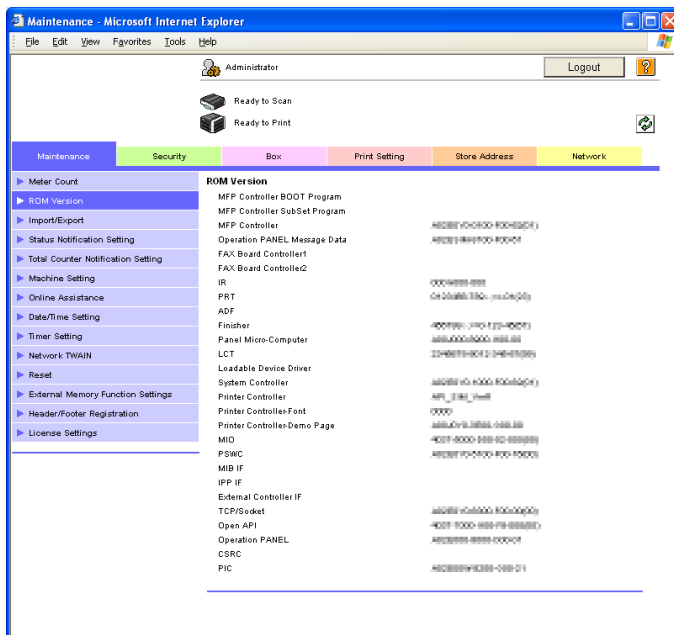
- Total Counter:** A table with one column 'Total' and one row 'Total' showing a value of 0.
- Copy Counter:** A table with columns 'Full Color', 'Black', 'Single Color', '2 Color', and 'Total'. It shows values for 'Total' (0) and 'Large Size' (0).
- Print Counter:** A table with columns 'Full Color', 'Black', '2 Color', and 'Total'. It shows values for 'Total' (0) and 'Large Size' (0).
- Scan / Fax Counter:** A table with columns 'Print (Full Color)', 'Print (Black)', and 'Scans'. It shows values for 'Total' (0) and 'Large Size' (0).
- Total (Copy + Print):** A table with columns 'Full Color', 'Black', and '2 Color'. It shows values for 'Total' (0).
- Paper Size / Type Counter:** A table with columns 'Paper Size', 'Paper Type', and 'Count'. It lists various paper sizes and types with their respective counts.

Item	Description
Total Counter	Displays totals for the output counters (Copy, Print, Scan/Fax).
Copy Counter	Displays the various counters.
Print Counter	
Scan Counter (appears as Scan/Fax Counter if the optional fax kit has been installed)	
Total (Copy + Print)	
	Displays the counters for the Color settings.

Item	Description
Paper Size/Type Counter	Displays the counters for the paper sizes and paper types.

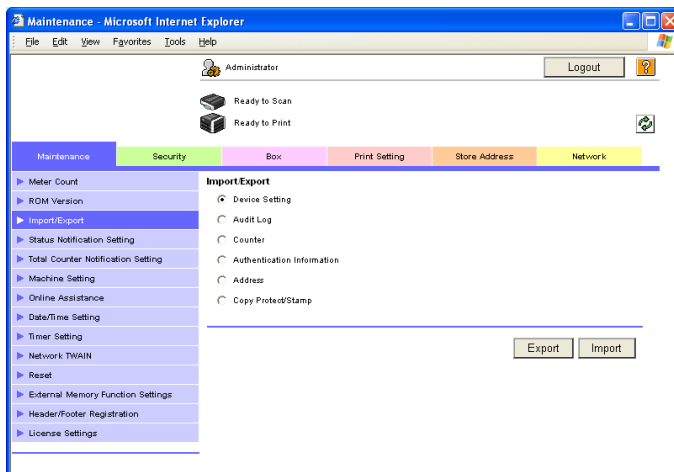
ROM Version

The ROM version is displayed.



Import/Export

Machine settings can be saved as a file (exported), or settings can be written to the machine (imported). Select the information to be imported/exported, and then click the [Import] button or [Export] button.



Item	Description
Device Setting	Imports or exports device settings.
Audit Log	Exports the audit log information.
Counter	Exports the counter information.

Item	Description
Authentication Information	<p>Backs up and restores the entire authentication data.</p> <p>Also, user registration information and authentication data can be imported or exported. When using an optional authentication unit on this machine, authentication data can be imported or exported.</p> <p>When exporting authentication information, a password can be specified if necessary. The specified password is required when importing the authentication information.</p> <p>If authentication is performed with PageScope Authentication Manager, this menu item does not appear.</p>
Address	<p>Backs up and restores the entire address data. Also, information on each address can be imported or exported.</p> <p>When exporting address information, a password can be specified if necessary. The specified password is required when importing the address information.</p>
Copy Protect/Stamp	Copy protect /stamp data can be imported or exported.

**Reminder**

The data in the exported files cannot be edited.

When e-mail destinations with certificates are exported and imported, the certificate information must be registered again after importing.

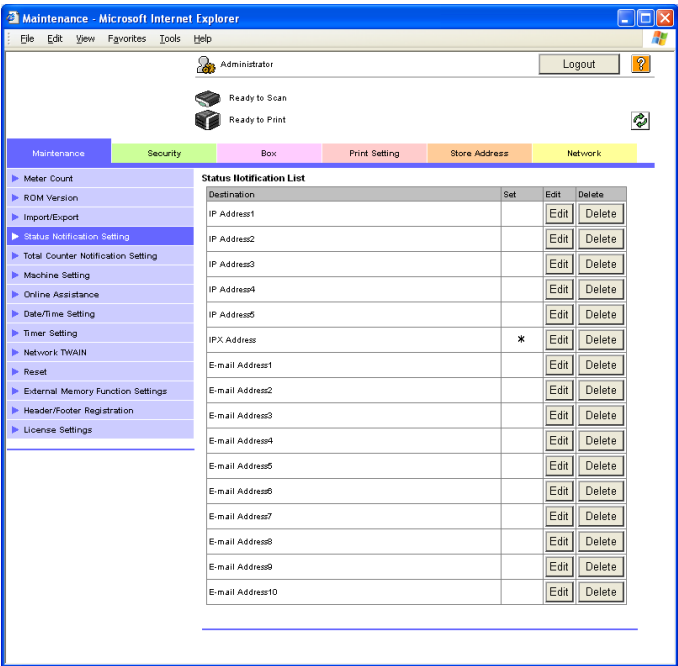
Only exporting is possible when "Audit Log" or "Counter" is selected.

Import or export authentication data in the same way as with user registration information. Perform the operation with the user authentication information before performing it with the authentication data.

"Audit Log" is available when audit log setting is enabled on this machine.

Status Notification Setting

Specify settings for sending a notification if a machine error occurred. Settings can be specified for the destination of error notifications and the occasions when notifications are sent.



Item	Description
Destination	Displays the type of notification address. To send the notification to an SNMP manager, specify the IP address or the IPX address. To send a notification by e-mail, specify the e-mail destination.
Set	Specified addresses are marked.
[Edit] button	Click this button to display a page to register and edit notification settings.
[Delete] button	Click this button to display a page to delete the registered notification settings.

Status Notification Setting page

Item	Description
Notification Address	Type in the notification address.
Replenish Paper Tray	Notifies when the paper tray runs out of paper.
JAM	Notifies when a paper misfeed occurs.
PM Call	Notifies when a periodic inspection should be performed.
Replace Staples	Notifies when there are no more staples.
Replenish Toner	Notifies when there is no toner.
Finisher Tray Full	Notifies when the finisher tray capacity has been reached.
Service Call	Notifies when there is a service call.
Job Finished	Notifies when the job is completed (successfully).
Hole-Punch Scrap Box Full	Notifies when the punch scraps must be removed.
Waste Toner Box Full	Notifies when the waste toner box must be replaced.
Imaging Unit Yield	Notifies when the imaging unit must be replaced.
Fusing Unit Yield	Notifies when the fusing unit must be replaced.
Transfer Roller Yield	Notifies when the transfer roller unit must be replaced.
Transfer Belt Unit Yield	Notifies when the image transfer belt unit must be replaced.
Ozone Filter Yield	Notifies when the ozone filter must be replaced.

If the notification destination is specified as an IP address, specify the port number and community name. Before typing in a host name, check the "Please check to enter host name." check box.

If the notification destination is specified as an IPX address, specify the node address and community name.

**Detail**

The information that appears as "the printer location" in the e-mail message sent with the status notification function is specified in the "Printer Location" box on the page displayed by clicking "IPP Setting" in the menu on the Network tab. For details on "Printer Location", refer to "IPP Setting" on page 3-65.

Total Counter Notification Setting

Specify the settings for sending notifications of the total counter by e-mail and the e-mail address where notifications are sent.

The screenshot shows the 'Total Counter Notification Setting' page in a web browser. The page has a sidebar menu on the left with the following items: Meter Count, ROM Version, Import/Export, Status Notification Setting, **Total Counter Notification Setting**, Machine Setting, Online Assistance, Data/Time Setting, Timer Setting, Network TWAIN, Reset, External Memory Function Settings, Header/Footer Registration, and License Settings. The main content area is titled 'Total Counter Notification Setting' and contains the following sections:

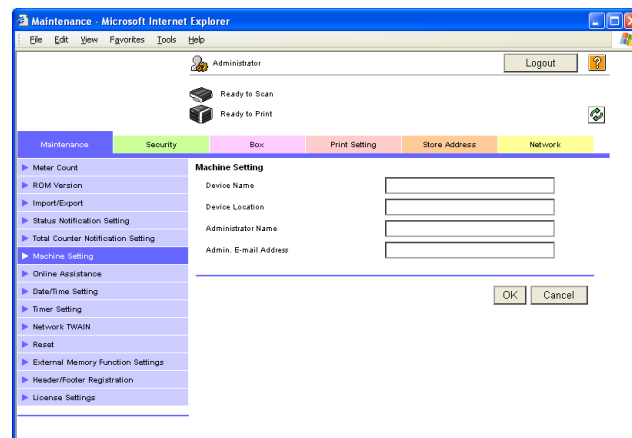
- Model Name:** A text input field.
- Schedule Setting:**
 - Schedule 1:**
 - ☐ Daily: Interval of Day(s) [1] (1-31)
 - ☐ Weekly: Interval of Week(s) [1] (1-6), Day of the Week [Mon]
 - ☒ Monthly: Interval of Month(s) [1] (1-6), Date of the Month [1] (1-31)
 - Schedule 2:**
 - ☐ Daily: Interval of Day(s) [1] (1-31)
 - ☐ Weekly: Interval of Week(s) [1] (1-6), Day of the Week [Mon]
 - ☒ Monthly: Interval of Month(s) [1] (1-6), Date of the Month [1] (1-31)
- Register Notification Address:**
 - Address 1:** Email Address [], ☐ Notifies by Schedule1, ☐ Notifies by Schedule2
 - Address 2:** Email Address [], ☐ Notifies by Schedule1, ☐ Notifies by Schedule2
 - Address 3:** Email Address [], ☐ Notifies by Schedule1, ☐ Notifies by Schedule2

At the bottom of the page are three buttons: 'Send Now', 'OK', and 'Cancel'.

Item	Description
Total Counter Notification Setting	Type in the name of the model to appear in the list (up to 20 characters).
Schedule Setting	Specify the conditions for the notification schedule. Schedules 1 and 2 can be registered with different settings.
Register Notification Address	Type in the e-mail address where notifications are sent (up to 320 characters). Select the notification schedule for the entered address.
[Send Now] button	Click this button to send an e-mail notification

Machine Setting

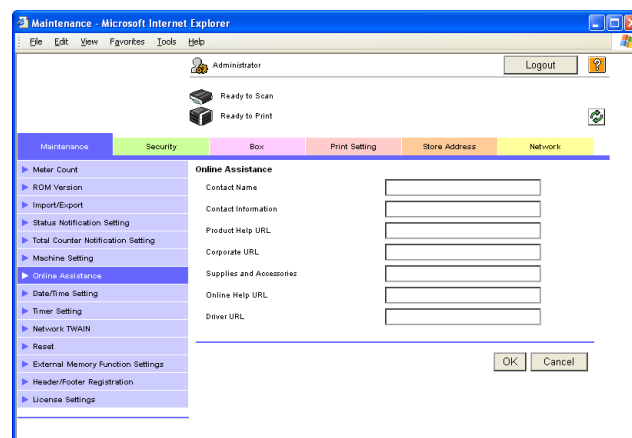
The registered machine information can be changed.



Item	Description
Device Name	Type in the device name (up to 255 characters).
Device Location	Specify the device location (up to 255 characters).
Administrator Name	Type in the administrator name (up to 255 characters).
Admin. E-mail Address	Specify the address for the administrator (up to 128 characters, up to 127 characters when creating an SSL certificate in order to enable S/MIME). If the administrator address is not set, messages cannot be sent. The set address is displayed on the transmitter section of the message. Before messages are sent, the address can be changed to one other than the administrator address from the control panel.

Online Assistance

Specify the support information for the machine. To display this information, click the Information tab in User mode, and then click "Online Assistance" in the menu.



Item	Description
Contact Name	Specify the contact name (up to 63 characters).
Contact Information	Specify the contact information (up to 127 characters).
Product Help URL	Specify the URL of the Web page for product information (up to 127 characters, excluding < and >).
Corporate URL	Specify the URL of the Web page for the manufacturer (up to 127 characters, excluding < and >).
Supplies and Accessories	Specify the contact information for ordering supplies (up to 127 characters).

Item	Description
Online Help URL	Specify the following URL for the online manual (excluding < and >). http://pagescope.com/download/webconnection/onlinehelp/c650/help.html
Driver URL	Specify the driver storage location (up to 127 characters, excluding < and >).

Date/Time Setting - Manual Setting

Specify the date and time for the machine.

Item	Description
Year	Type in the year.
Month	Type in the month.
Day	Type in the day.
Hour	Type in the hour.
Minute	Type in the minutes.
Time Zone	Select the time difference from GMT.
Daylight Saving Time	If necessary, specify the daylight saving time setting. (Range: 1 to 150; Units: minutes)

Date/Time Setting - Time Adjustment Setting

Select whether the date and time of the machine can be adjusted through passive acquisition from the NTP server.

Item	Description
Time Adjustment Setting	Select whether or not the time is automatically adjusted with NTP.
NTP Server Address	Type in the NTP server address. To type in the host name, select the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified. The only symbols that can be used are the dash (-) and period (.).
Port No.	Type in the NTP server port number. (Range: 1 to 65535)
[Adjust] button	Click this button to connect to the NTP server with the specified conditions and adjust the time.



Detail

In order to specify the settings on the Time Adjustment Setting page, the time zone must first be specified. For details, refer to "Date/Time Setting - Manual Setting" on page 3-8.

Timer Setting - Power Save Setting

Specify the settings for the machine's power-saving modes.

Item	Description
Low Power Mode Setting	Specify the length of time until the machine enters Low Power mode.

Item	Description
Sleep Mode Setting	Specify the length of time until the machine enters Sleep mode.
Power Save Key	Select the power-saving mode ("Low Power" or "Sleep") that the machine enters.

Timer Setting - Weekly Timer Setting

Specify the weekly timer settings for the machine.

The screenshot shows the 'Weekly Timer Setting' window. It has a sidebar with a tree view containing items like Meter Count, ROM Version, Import/Export, Status Notification Setting, Total Counter Notification Setting, Machine Setting, Online Assistance, Date/Time Setting, Timer Setting (selected), Power Save Setting, Weekly Timer Setting (selected), Network TWAIN, Reset, External Memory Function Settings, Header/Footer Registration, and License Settings. The main area is titled 'Weekly Timer Setting' and contains the following controls:

- ☐ Use Weekly Timer
- Date Setting: 2007, September, [Setting]
- Week Time Setting:
 - ON Time: Sun, Mon, Tue, Wed, Thu, Fri, Sat (each with HH:MM fields)
 - OFF Time: Sun, Mon, Tue, Wed, Thu, Fri, Sat (each with HH:MM fields)
- ☐ Use Power Save
 - Power Save Start Time: HH:MM
 - Power Save End Time: HH:MM
- ☐ Use Overtime Password: [Text Field]
- [OK] [Cancel] buttons at the bottom right.

Item	Description
Use Weekly Timer	To use the weekly timer function, select this check box, and then specify the operating days and time. To display a page for selecting the operating day settings, click the [Setting] button, and then specify the day or date settings.
Use Power Save	To use the power save function, select this check box, and then specify the starting and ending times for power saving
Use Overtime Password	To use the non-business hours password function, select this check box, and then type in the password.

Network TWAIN

Specify the length of time until the machine's operations are automatically unlocked during scanning (except with PUSH scanning).

The screenshot shows the 'Network TWAIN' window. It has the same sidebar as the previous window. The main area is titled 'Network TWAIN' and contains:

- TWAIN Lock Time: [120] sec (00-300)
- [OK] [Cancel] buttons at the bottom right.

Item	Description
TWAIN Lock Time	Specify the automatic unlocking time. (Range: 30 to 300 seconds)



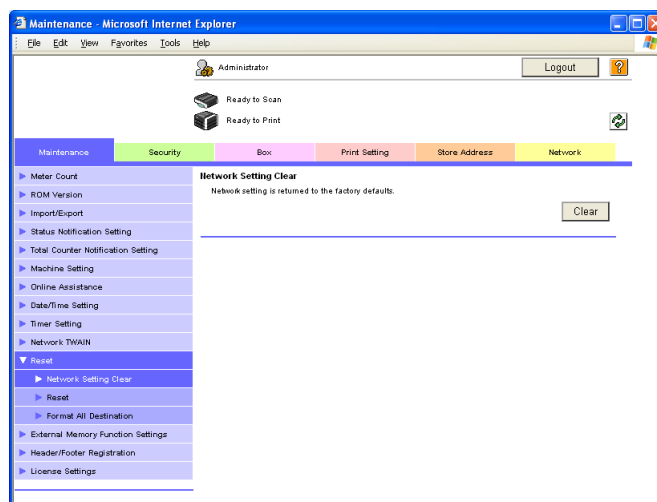
Note

If optional image controller IC-409 has been installed, this parameter is not available.

Reset - Network Setting Clear

The machine's network settings can be reset to those specified when the machine was shipped from the factory.

Click the [Clear] button to perform the operation.



Reminder

If network settings are cleared, the machine becomes accessible with PageScope Web Connection after clearing of the settings is completed. Please wait for a while and access again.



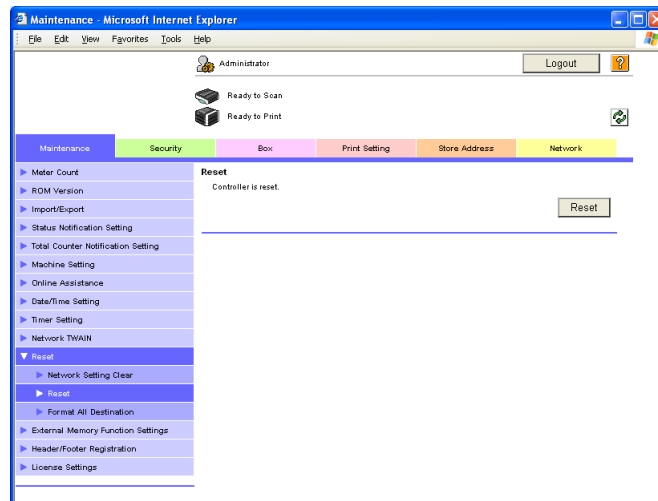
Note

If "Enhanced Security Mode" is set to enable, this menu item does not appear.

Reset - Reset

The printer controller can be reset.

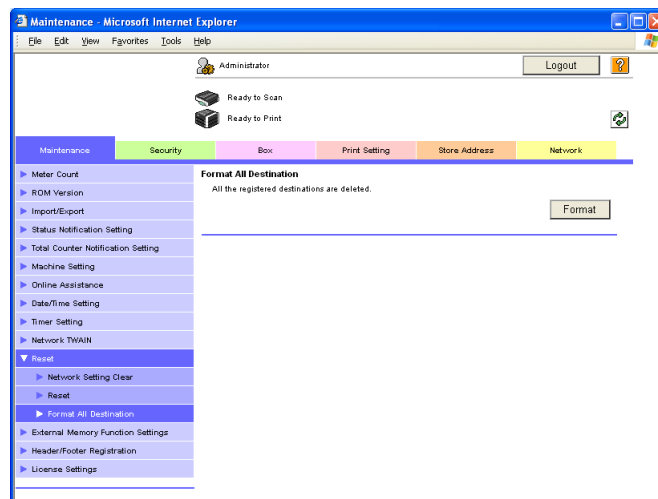
Click the [Reset] button to perform the operation.



Reset - Format All Destination

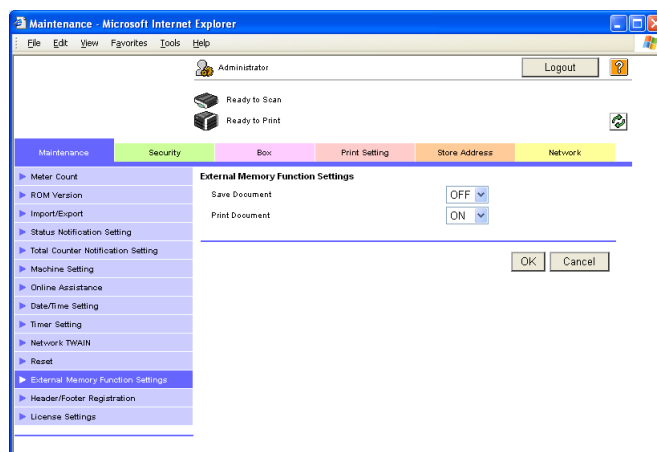
All destinations registered on the machine can be erased.

Click the [Format] button to perform the operation.



External Memory Function Settings

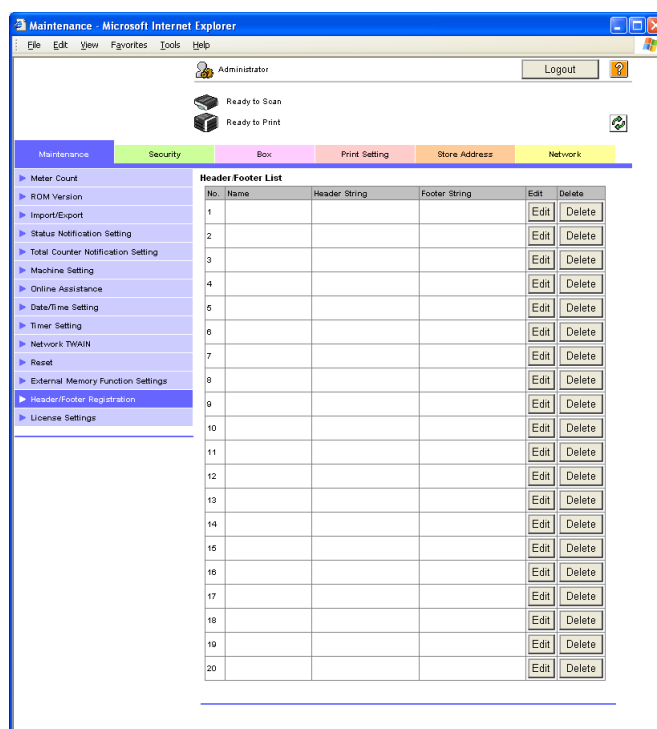
Specify settings for using external memory on this machine.



Item	Description
Save Document	To send scanned data to external memory, select "ON". To prevent data from being stolen, "OFF" is specified as default. To use an external memory, select "ON".
Print Document	To print data in external memory, select "ON".

Header/Footer Registration

The list of headers/footers can be displayed, and they can be registered or edited.



Item	Description
Name	Displays the registered name.
Header String/Footer String	Displays the text string registered for the header/footer.

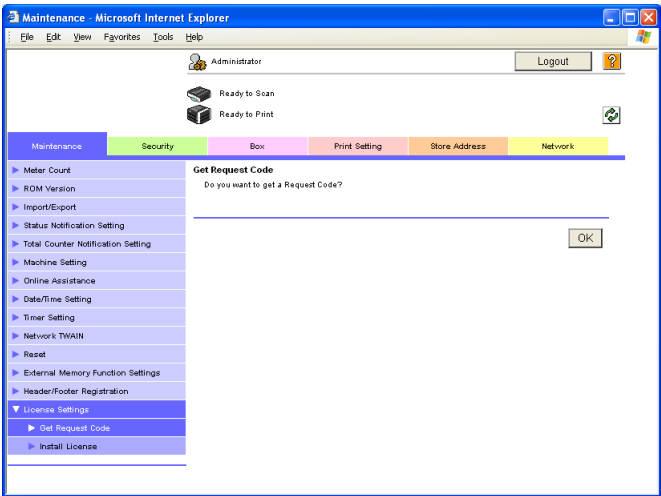
Item	Description
[Edit] button	Click this button to display a page to register and edit header/footer text strings
[Delete] button	Click this button to display a page to delete the registered header/footer.

Registration Screen

Item	Description
No.	Displays the registration number.
Name	Type in the name to be registered.
Color	Select the color.
Pages	Select the pages to be printed on.
Size	Select the size.
Date/Time Setting	Select the date and time formats.
Distribution Number	Type in the distribution number text. Select the format, and then type in the starting number.
Header/Footer	Specify settings for the following. <ul style="list-style-type: none"> Header String/Footer String (up to 40 characters each) Date/Time Setting Distribution Number Job Number Serial Number User Name/Account Name

License Settings - Get Request Code

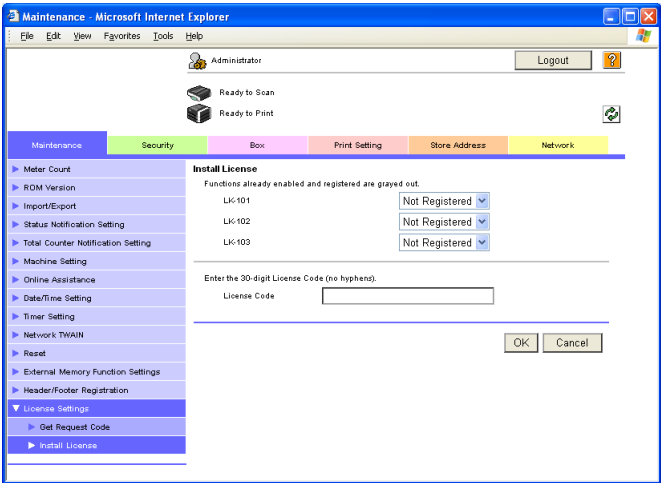
A request code can be issued.
Click the [OK] button to perform the operation.



Detail
For details on acquiring a license code and installing the license, refer to the Quick Guide [Copy/Print/Fax/Scan/Box Operations].

License Settings - Install License

Settings can be specified to enable functions.



Item	Description
i-Option LK-101/102/103	Select a function to be enabled, and then select "Registered".
License Code	Enter the acquired license code without using hyphens.
[OK]	Enables the function.



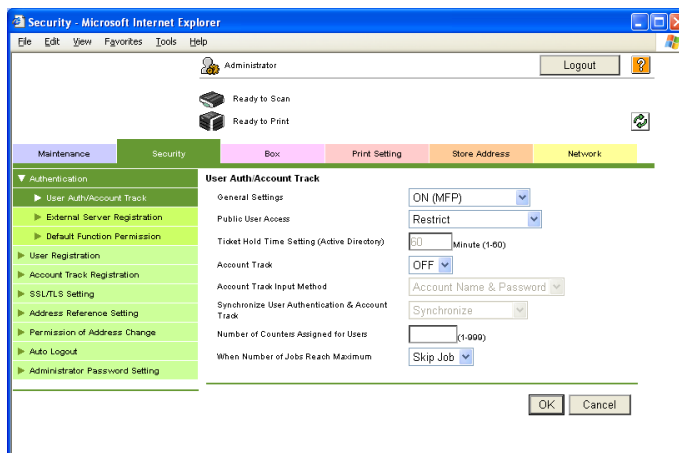
Detail
If an additional memory included in optional upgrade kit is not installed, this menu item does not appear.

3.2 Security tab

From the Security tab, specify security settings for the machine.

Authentication - User Auth/Account Track

Specify user authentication and account track settings for the machine.



Item	Description
General Settings	Select the authentication method ("OFF", "ON (External Server)" or "ON (MFP)").
Public User Access	Select whether or not public user access is permitted when user authentication settings are specified.
Ticket Hold Time Setting (Active Directory)	When "General Settings" is set to "ON" (External Server), specify the ticket hold time.
Account Track	Select whether or not to manage accounts.
Account Track Input Method	Select the authentication method for account track when account track settings are specified.
Synchronize User Authentication & Account Track	Select whether or not to synchronize user authentication and account track when settings have been specified for both.
Number of Counters Assigned for Users	Type in the number of counters assigned to users when settings have been specified for both user authentication and account track. (Range: 1 to 999)
When Number of Jobs Reach Maximum	Select the operation that is performed when the number of copies or printouts has reached its maximum.



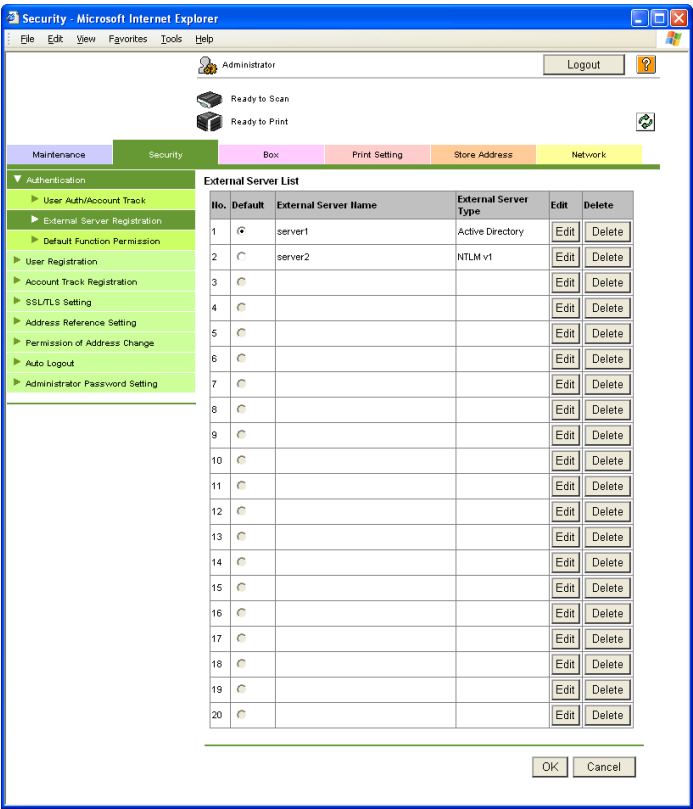
Note

If "Enhanced Security Mode" is set to enable, the authentication method cannot be set to "OFF". In addition, "Public User Access" is set to "Restrict".

This menu item does not appear if authentication is performed with PageScope Authentication Manager.

Authentication - External Server Registration

The list of external authentication servers for the machine can be displayed, and new external authentication servers can be registered or their settings can be changed.



Item	Description
Default	The selected server is used if external server authentication is not specified when a user or account is registered.
External Server Name	Displays the registered name.
External Server Type	Displays the type of external authentication server.
[Edit] button	Click this button to display a page to register and edit settings for the external authentication server.
[Delete] button	Click this button to display a page to delete the registered external authentication server.

Registration Screen

The screenshot shows the 'External Server Registration' window. It has a sidebar on the left with a tree view containing: Authentication, User Auth/Account Track, External Server Registration (selected), Default Function Permission, User Registration, Account Track Registration, SSL/TLS Setting, Address Reference Setting, Permission of Address Change, Auto Logout, and Administrator Password Setting. The main content area is titled 'External Server Registration' and contains the following fields and options:

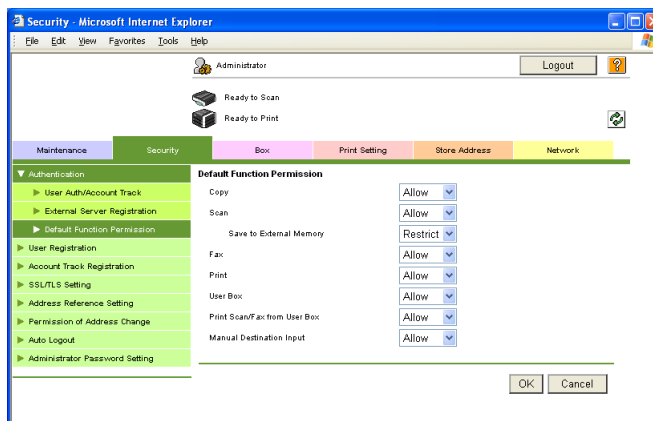
- No.: 1
- External Server Name: [Text Field]
- External Server Type: Active Directory (dropdown)
- Active Directory: [Text Field]
- NTLM: [Text Field]
- NDS: [Text Field]
- LDAP: [Text Field]
- Server Address: [Text Field] (with a checkbox 'Please check to enter host name')
- Port No.: 8080 (with a note '(1-65535)')
- Search Base: [Text Field]
- Timeout: 60 sec. (5-300)
- Authentication Method: Simple (dropdown)
- Search Attribute: uid

At the bottom right are 'OK' and 'Cancel' buttons.

Item	Description
No.	Displays the registration number.
External Server Name	Type in the name of the external authentication server (up to 32 characters).
External Server Type	Select the type of external authentication server.
Active Directory	If "Active Directory" is selected as the server type, type in the default domain name.
NTLM	If "NTLM" is selected as the server type, type in the default domain name. Enter the default domain name in uppercase letters.
NDS	If "NDS" is selected as the server type, type in the default NDS tree name and the default NDS context name.
LDAP	<p>If "LDAP" is selected as the server type, specify settings for the following.</p> <ul style="list-style-type: none"> • Server Address • Port No. • Search Base • Timeout • Authentication Method <p>To type in a host address for the server address, select the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.</p> <p>If "Digest-MD5" is selected as the authentication method, specify the search attribute.</p>

Authentication - Default Function Permission

When external server authentication is specified, unregistered users are registered with the default function limitation settings.



Item	Description
Copy	Select whether or not to allow each operation.
Scan	
Save to External Memory	
Fax	
Print	
User Box	
Print Scan/Fax from User Box	
Manual Destination Input	



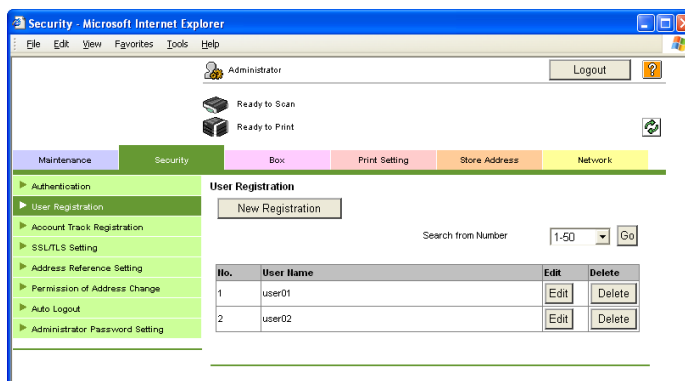
Detail

If user authentication settings are not specified, click the [User Authentication Menu] button to display the page for specifying user authentication settings.

This menu item does not appear if authentication is performed with PageScope Authentication Manager.

User Registration

If user authentication settings are specified, users can be registered and their settings can be changed.



Item	Description
[New Registration] button	Click this button to register a new user. For details, refer to "Registering a user" on page 3-21.
Search from Number	Select a range of registration numbers, and then click the [Go] button to display the list of users with the specified numbers.
No.	Displays the registration number.
User Name	Displays the registered user name.
[Edit] button	Click this button to display a page for editing the settings for the registered user. The settings are the same ones available during registration.
[Delete] button	Click this button to display a page to delete the registered user.

**Detail**

If user authentication settings are not specified, click the [User Authentication Menu] button to display the User Auth/Account Track page for specifying user authentication settings.

This menu item does not appear if authentication is performed with PageScope Authentication Manager.

Registering a user

- In the User Registration page, click the [New Registration] button.
A page for registering a user appears.

Item	Description
No.	Type in the registration number.
User Name	Type in the user name.
E-mail Address	Type in the e-mail address.
User Password	Type in the password.
Retype User Password	Type in the password again.
Account Name	If user authentication and account track are synchronized, specify the account that the user belongs to. To select an account from a list, click the [Select from List] button. The account can also be searched for by its number.
Specify Icon	From [Search from List], specify an icon for the user to be registered. The icons are used in the image panel function which can be operated when the optional i-Option LK-101 or LK-103 is installed.

Item	Description
Function Permission	Select whether or not to allow each of the following operations. <ul style="list-style-type: none"> • Copy • Scan • Save to External Memory • Fax • Print • User Box • Print Scan/Fax from User Box • Manual Destination Input
Output Permission (Print)	Select whether or not to allow color or black-and-white outputs.
Output Permission (TX)	Select whether or not to allow color outputs.
Max. Allowance Set	To manage the total counter, individual counters or user box counters, select the corresponding check box, and then type in the maximum allowed.
Limiting Access to Destinations	Select the destination access permission level for the user. If the "Reference Allowed Group" check box is selected, click the [Search from List] button, and then select an access permission group from the list. If the "Access Allowed Level" check box is selected, select a level.



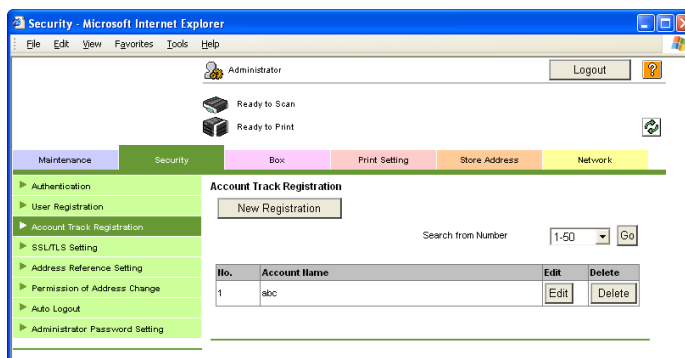
Reminder

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

If a user password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

Account Track Registration

If account track settings are specified, accounts can be registered and their settings can be changed.



Item	Description
[New Registration] button	Click this button to register a new account. For details, refer to "Registering an account" on page 3-23.
Search from Number	Select a range of registration numbers, and then click the [Go] button to display the list of accounts with the specified numbers.
No.	Displays the registration number.
Account Name	Displays the registered account name.
[Edit] button	Click this button to display a page for editing the registered account. The settings are the same ones available during registration.
[Delete] button	Click this button to display a page to delete the registered account.



Detail

If account track settings are not specified, click the [User Authentication Menu] button to display the User Auth/Account Track page for specifying account track settings.

This menu item does not appear if authentication is performed with PageScope Authentication Manager.

Registering an account

- In the Account Track Registration page, click the [New Registration] button.
A page for registering an account appears.

Item	Description
No.	Type in the registration number.
Account Name	Type in the account name. If "Account Track Input Method" is set to "Password Only", "Name" appears.
Password	Type in the password.
Retype password	Type in the password again.
Output Permission (Print)	Select whether or not to allow color or black-and-white outputs.
Output Permission (TX)	Select whether or not to allow color outputs.
Max. Allowance Set	To manage the total counter, individual counters or user box counters, select the corresponding check box, and then type in the maximum allowed.



Reminder

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

If an account password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

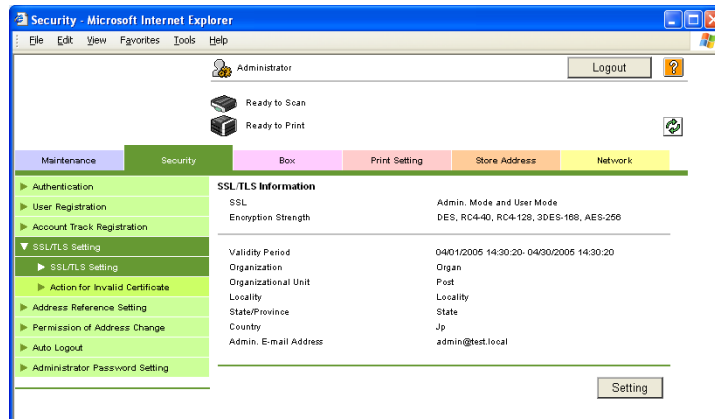
SSL/TLS Setting - SSL/TLS Setting

Specify the settings for SSL/TLS. If SSL/TLS is enabled, communications between the machine and the client computer are encrypted to prevent disclosure of passwords and communication content.

If a certificate is installed, the following page appears.

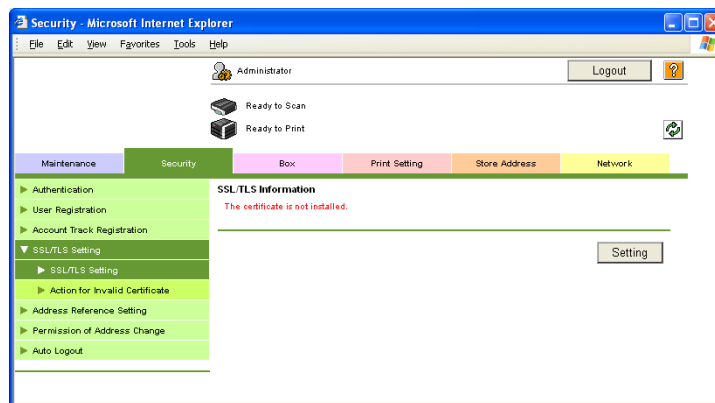
**Note**

The page contents differ depending on the registered information.



If a certificate is not installed, the following page appears.

Creating a certificate or obtaining the format from a certification authority and installing it enables SSL/TLS.



To register new certificates or change or delete registered ones, click the [Setting] button.

**Reminder**

To encrypt communication from a Windows Vista-equipped computer to this machine using SSL, the computer must be able to resolve the names for this machine using the DNS server. Register this machine to the DNS server in advance, and specify settings for DNS at the computer side.

When the certificate of this machine is not published by certificate authority, register the certificate of this machine to Windows Vista as a certificate of "Trusted Publishers" for "Computer account" in advance.

To encrypt communication from this machine to a Windows Vista-equipped computer using SSL, create a certificate at the computer side in advance to associate the computer with the communication port.

Creating a certificate

On the page that appears, specify settings for the following.

If "Create a self-signed Certificate" was selected

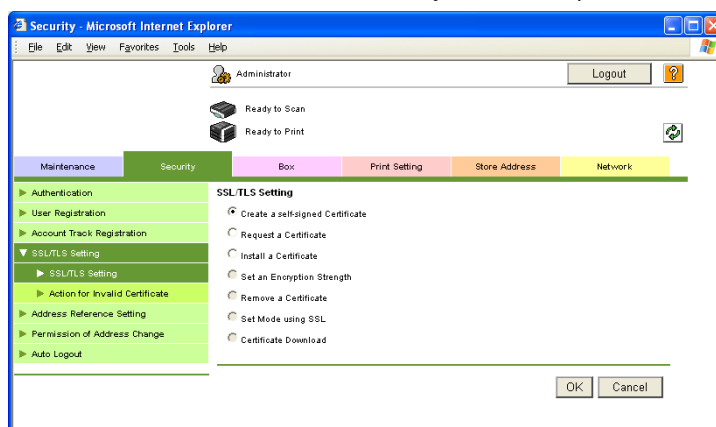
Item	Description
Common Name	Displays the IP address or domain name of the machine. The information for the accessed machine is displayed.
Organization	Type in the name of the organization or group used for creating an organization certificate (up to 63 ASCII characters).
Organizational Unit	Type in the name of the account used for creating an account certificate (up to 63 ASCII characters).
Locality	Type in the name of the locality used for creating a locality certificate (up to 127 ASCII characters).
State/Province	Type in the name of the state/province used for creating a state/province certificate (up to 127 ASCII characters).
Country	When creating a country certificate, type in a country code regulated by ISO 03166 (2 characters). United States: US, Great Britain: GB, Italy: IT, Australia: AU, The Netherlands: NL, Canada: CA, Spain: ES, Czech Republic: CZ, China: CN, Denmark: DK, Germany: DE, Japan: JP, France: FR, Belgium: BE, Russia: RU
Admin. E-mail Address	Specify the address for the administrator (up to 127 characters).
Validity Start Date	Type in the starting date for the period of validity. Displays the date and time when this page was displayed.
Validity Period	Type in the number of days from the starting date for the period of validity for the certificate. (Range: 1 to 3650 days)
Encryption Strength	Select the encryption method.
Mode using SSL/TLS	Select the modes using SSL/TLS.

If "Request a Certificate" was selected

Item	Description
Common Name	Displays the IP address or domain name of the machine. The information for the accessed machine is displayed.
Organization	Type in the name of the organization or group used for creating an organization certificate (up to 63 ASCII characters).
Organizational Unit	Type in the name of the account used for creating an account certificate (up to 63 ASCII characters).
Locality	Type in the name of the locality used for creating a locality certificate (up to 127 ASCII characters).
State/Province	Type in the name of the state/province used for creating a state/province certificate (up to 127 ASCII characters).
Country	When creating a country certificate, type in a country code regulated by ISO 03166 (2 characters). United States: US, Great Britain: GB, Italy: IT, Australia: AU, The Netherlands: NL, Canada: CA, Spain: ES, Czech Republic: CZ, China: CN, Denmark: DK, Germany: DE, Japan: JP, France: FR, Belgium: BE, Russia: RU
Admin. E-mail Address	Specify the address for the administrator (up to 127 characters). When changing the registered information, the specified address appears.

Creating a certificate

- 1 On the SSL/TLS Information page, click the [Setting] button.
A page appears, allowing an operation to be selected.
- 2 Select "Create a self-signed Certificate" or "Request a Certificate" for the method to create a certificate, and then click the [OK] button.
 - To create a self-signed certificate, select "Create a self-signed Certificate".
 - To request a certificate from a certification authority, select "Request a Certificate".



The registration page appears.

3 Specify the various settings.

Sample page for creating a self-signed certificate

The screenshot shows the 'Create a self-signed Certificate' page in the 'Security' tab of the 'Security - Microsoft Internet Explorer' window. The page is titled 'Create a self-signed Certificate' and contains the following fields and options:

- Common Name:** localhost
- Organization:** (empty)
- Organizational Unit:** (empty)
- Locality:** (empty)
- State/Province:** (empty)
- Country:** (empty)
- Admin. E-mail Address:** (empty)
- Validity Start Date:** 09/28/2007 15:06:32
- Validity Period:** (empty) (1-3650)
- Encryption Strength:** DES, RC4-40, RC4-128, 3DES-168, AES-256 (dropdown menu)
- Mode using SSL/TLS:** Admin. Mode and User Mode (dropdown menu)

At the bottom right, there are 'OK' and 'Cancel' buttons.

4 Click the [OK] button.

The certificate is registered or obtained.

- If a certificate was requested, continue with step 5.
- If a self-signed certificate was created, this completes the procedure.

5 Copy the contents of the certificate, and then click the [OK] button.

- To save the certificate information, click the [Save] button.

The screenshot shows the 'Certificate Signing Request Data' page in the 'Security' tab of the 'Security - Microsoft Internet Explorer' window. The page is titled 'Certificate Signing Request Data' and contains a text area with the following content:

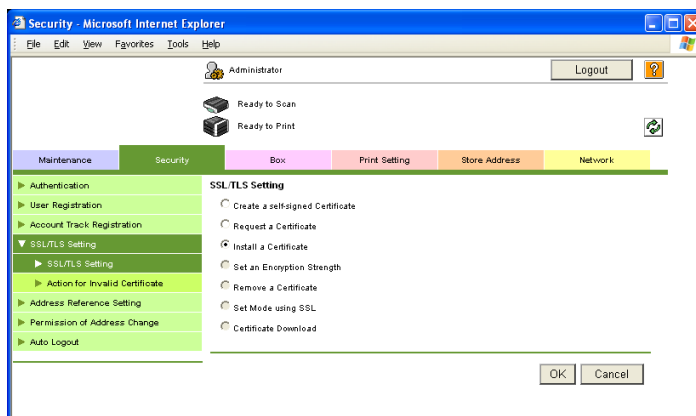
```
-----BEGIN CERTIFICATE-----
MIICATCCAhMCEAzye6pBOLQqRUOYGPfzYwD
GYJK6ZlhcNAQIEEBGAwgakxFJAU
BgHVBAsTDVZicmTaWduLCBubmMxRzBFBgNV
BASTPnd3dy52ZC1pc2lnb5b2Dv
cmVmb3NpdG9yeS9UZNDQ1BTIEUy29ycC4gQnk
gUmVmLiBMaWFlLiBMVEQuMUUy
RAYDVQOLEz1Gb3lgVmVyaVnpZ24gYXV0aG9ya
XplZCB0ZDNDaW5nIG9ubHkUE5v
IGFzc3VyYW55Zm9kZEMpVIMxOTk3MB4NDTAyM
-----
```

At the bottom right, there are 'Save' and 'OK' buttons.

6 On the SSL/TLS Information page, click the [Setting] button.

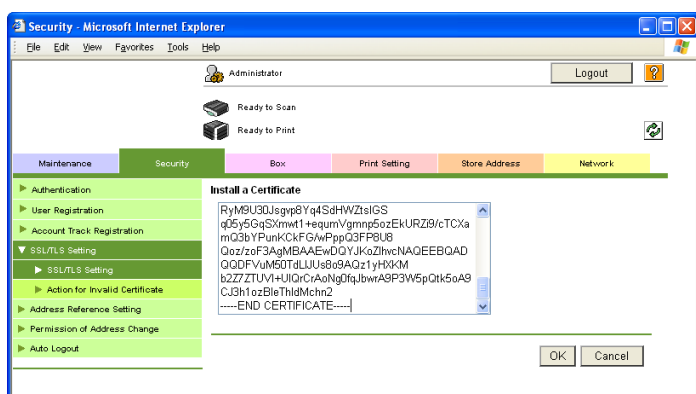
A page appears, allowing an operation to be selected.

- 7 On the SSL/TLS Setting page, select "Install a Certificate", and then click the [OK] button.

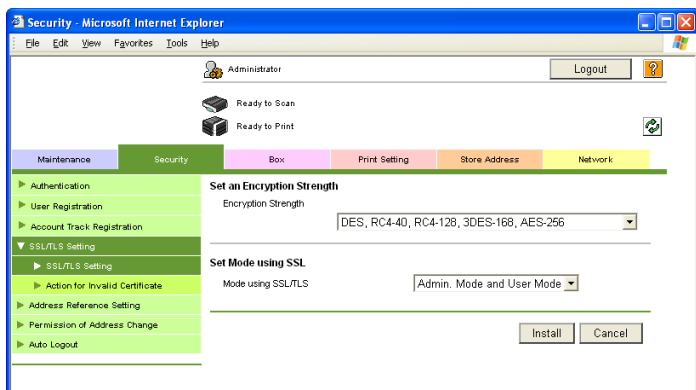


A text input page appears.

- 8 Copy the contents of the issued certificate, paste it into the text box, and then click the [OK] button.



- 9 Select encryption method and application modes, and then click the [Install] button.



- 10 Click the [OK] button.

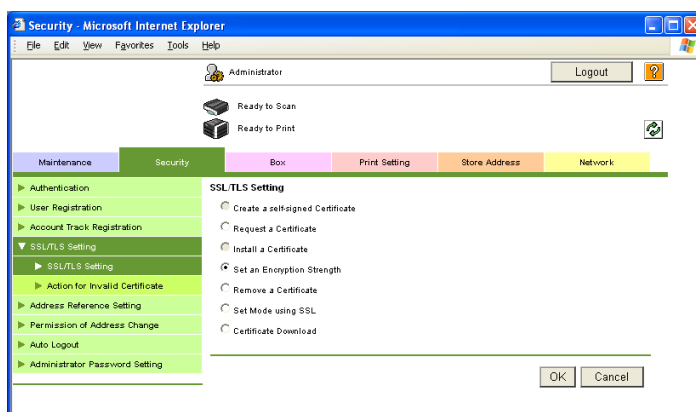


Reminder

If a new certificate was created, log off from Administrator mode.

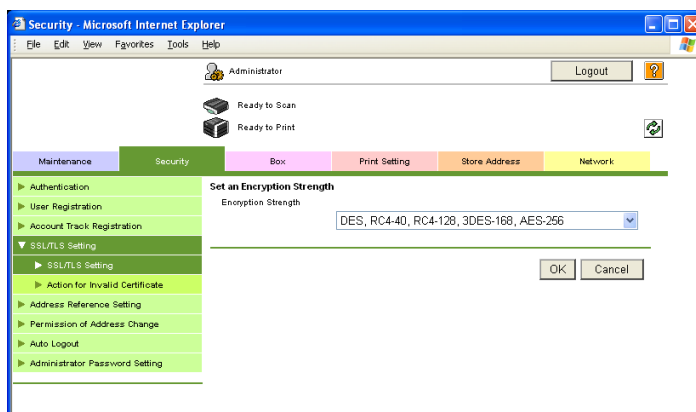
Specifying an encryption level setting

- 1 On the SSL/TLS Setting page, select "Set an Encryption Strength", and then click the [OK] button.



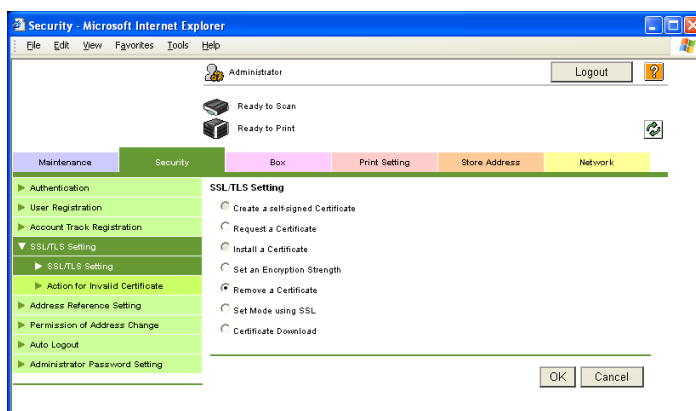
- 2 Select the encryption level, and then click the [OK] button. The following encryption level settings are available.

DES, RC4-40, RC4-128, 3DES-168, AES-256 / RC4_128bits, DES_56bits or RC4_40bits / 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits

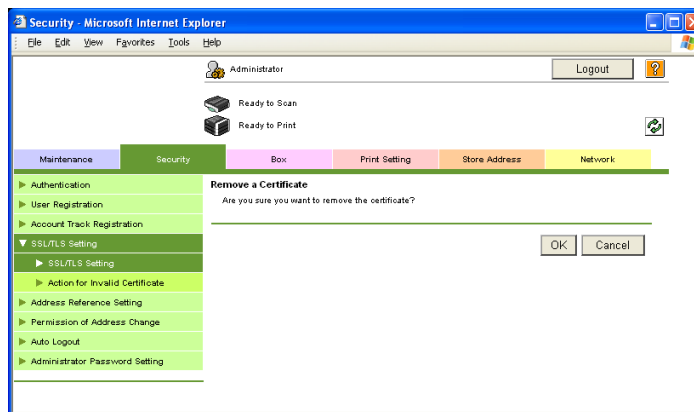


Removing a certificate

- 1 On the SSL/TLS Setting page, select "Remove a Certificate", and then click the [OK] button.



- 2 Check the message that appears, and then click the [OK] button.



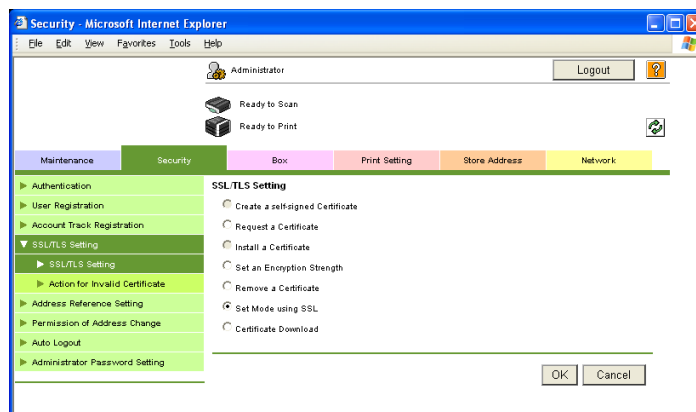
Note

If "Enhanced Security Mode" is set to enable, a certificate cannot be removed.

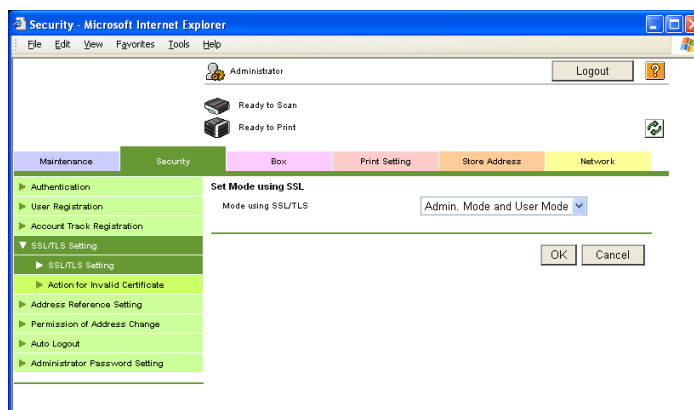
Specifying the modes using SSL

The modes that use SSL can be selected.

- 1 On the SSL/TLS Setting page, select "Set Mode using SSL", and then click the [OK] button.



- 2 Select the mode using SSL/TLS.



- 3 Click the [OK] button.

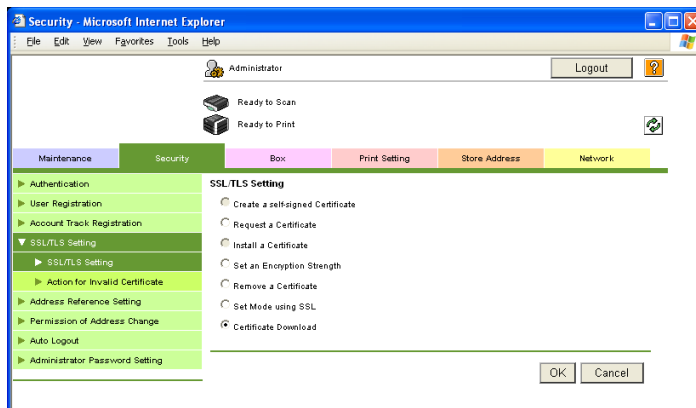


Detail

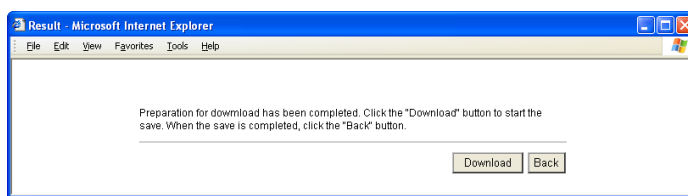
If "Enhanced Security Mode" is set to enable, "Mode using SSL/TLS" is set to "Admin. Mode and User Mode".

Downloading certificates

- 1 On the SSL/TLS Setting page, select "Certificate Download", and then click the [OK] button.



- 2 Click the [Download] button, and then click the [Save] button.

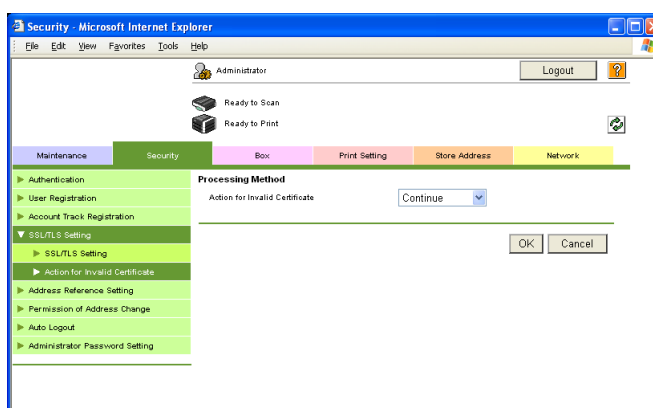


Downloading begins.

- 3 Click the [Back] button.

SSL/TLS Setting - Action for Invalid Certificate

Settings can be specified for the operation to be performed when the certificate is invalid.



Item	Description
Action for Invalid Certificate	Specify the operation when the validity period for the received certificate has expired. If "Continue" is selected, processing continues even if the date of the certificate is invalid. If "Delete the Job" is selected, the job is deleted if the date of the certificate is invalid.



Detail

The setting for "Action for Invalid Certificate" is applied to the following functions.

SMTP over SSL

POP over SSL

LDAP over SSL

WebDAV over SSL

When encrypt the communication from this machine to a Windows Vista - equipped computer using SSL.

Address Reference Setting - Reference Allowed Group Registration

The list of access permission groups can be displayed, and new access permission groups can be registered or their settings can be changed.

No.	Reference Allowed Group Name	Access Allowed Level	Edit	Delete
1	groupA	1	Edit	Delete
2	groupB	5	Edit	Delete
3		0	Edit	Delete
4		0	Edit	Delete
5		0	Edit	Delete
6		0	Edit	Delete
7		0	Edit	Delete
8		0	Edit	Delete
9		0	Edit	Delete
10		0	Edit	Delete
11		0	Edit	Delete
12		0	Edit	Delete
13		0	Edit	Delete
14		0	Edit	Delete
15		0	Edit	Delete
16		0	Edit	Delete
17		0	Edit	Delete
18		0	Edit	Delete
19		0	Edit	Delete
20		0	Edit	Delete

Item	Description
Reference Allowed Group Name	Displays the registered group name.
Access Allowed Level	Displays the access permission level.
[Edit] button	Click this button to display a page to register and edit access permission groups.
[Delete] button	Click this button to display a page to delete the registered access permission group.

Clicking the [Edit] button displays a registration page.

Item	Description
No.	Displays the registration number.
Reference Allowed Group Name	Type in the name of the access permission group (up to 24 characters).
Access Allowed Level	Select the access permission level. Access Allowed Level can be set to one of six levels between 0 and 5, with the higher number indicating higher security. For details on Access Allowed Level, refer to the User's Guide [Copy Operations].

Address Reference Setting - Public User Reference Setting

Select the destination access permission level for the user logged on as a public user.

Select the "Reference Allowed Group" check box, click the [Search from List] button, and then select an access permission group from the list. Otherwise, select the "Access Allowed Level" check box, and then select a level.

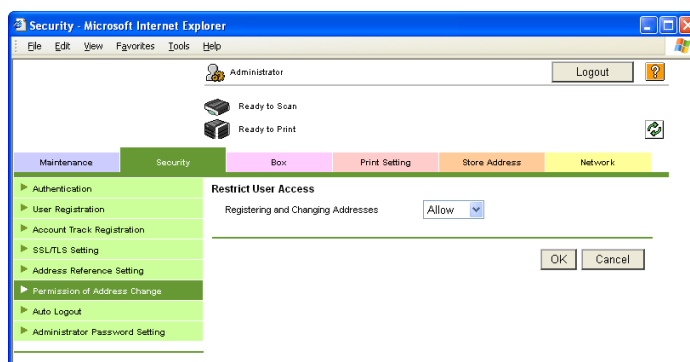


Note

This menu item does not appear if user authentication settings have been specified and public user access is not permitted.

Permission of Address Change

Select whether or not to allow users to register destinations.



Item	Description
Registering and Changing Addresses	Select either "Allow" or "Restrict".



Note

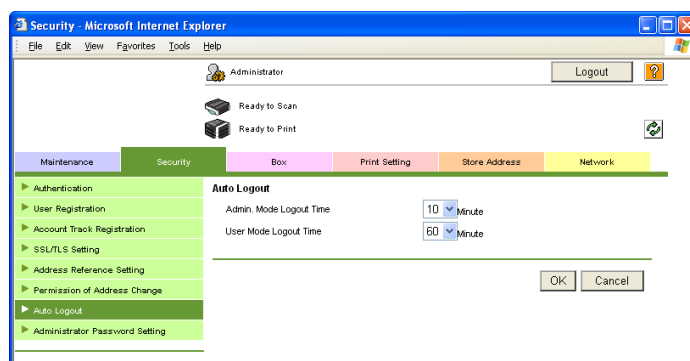
If "Restrict" is selected, the menu on the Store Address tab of User mode does not appear.

If "Enhanced Security Mode" is set to enable, "Restrict" is selected.

Auto Logout

Specify the length of time until Administrator mode or User mode is automatically logged off.

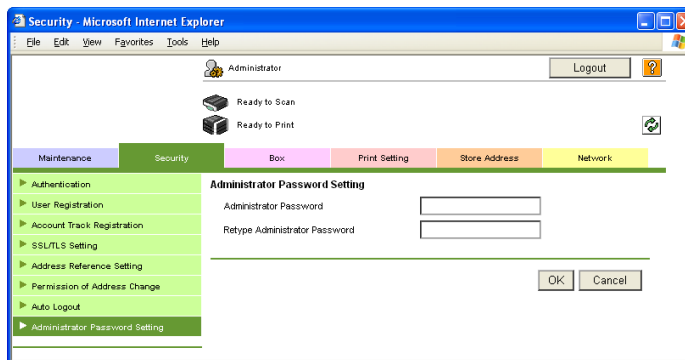
If no operation is performed for the length of time specified here, the user will automatically be logged off.



Item	Description
Admin. Mode Logout Time	Type in the length of time until automatically logging off. (Range: 1 to 10, 20, 30, 40, 50 or 60 minutes)
User Mode Logout Time	Type in the length of time until automatically logging off. (Range: 1 to 10, 20, 30, 40, 50 or 60 minutes)

Administrator Password Setting

Specify the administrator password.



Item	Description
Administrator Password	Type in the administrator password (up to 8 characters, excluding " and +).
Retype Administrator Password	Type in the administrator password again for confirmation.



Detail

If an SSL certificate is installed, "Administrator Password Setting" appears in the menu.

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

If an administrator password that does not meet the password rules has already been registered, "Password Rules" cannot be set to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

If "Enhanced Security Mode" is set to enable, this menu item does not appear.

3.3 Box tab

From the Box tab, user boxes can be created and basic user box information can be viewed. When logged on as an administrator, user box settings can be changed and user boxes can be deleted without the user box password being entered. For details on the various user boxes and User Box mode functions, refer to the User's Guide [Box Operations].



Detail

For details on "Open User Box" on the menu, refer to "Open User Box" on page 2-11. The list of documents in user boxes do not appear in Administrator mode. When authentication is performed with PageScope Authentication Manager and logged in to the Administrator mode, and then the personal user box is selected, [User Box Setting] and [Delete User Box] do not appear.

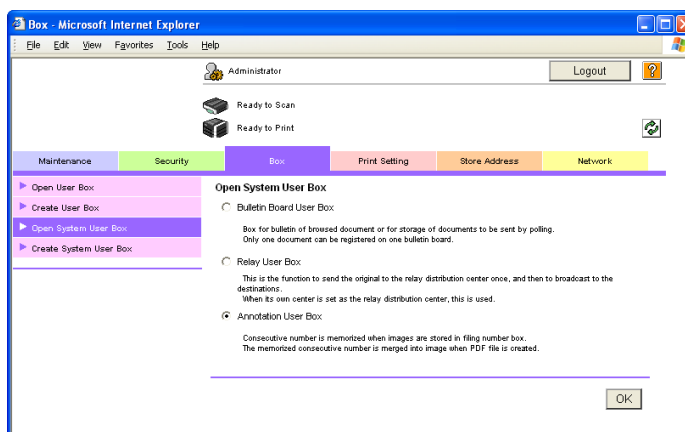
If authentication is performed with PageScope Authentication Manager, "User Box Owner is changed" does not appear when a public user box is selected for changing the user box settings.

For details on "Create User Box" on the menu, refer to "Create User Box" on page 2-17. Only public user boxes can be created in Administrator mode.

Open System User Box

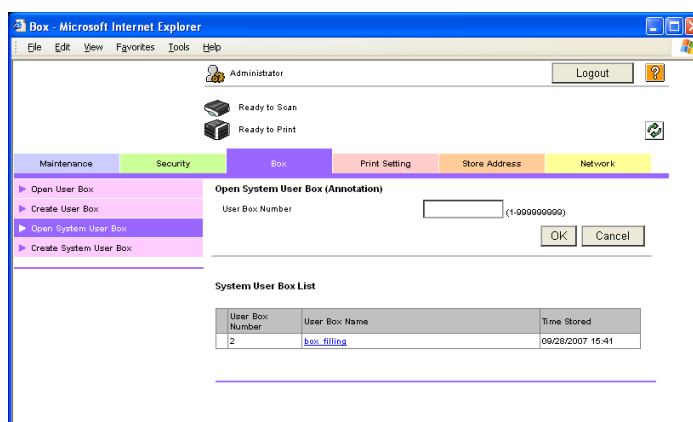
System user boxes (Bulletin Board User Box, Relay User Box and Annotation User Box) can be opened and the basic information for the user boxes can be viewed.

- 1 Select the system user box type, and then click the [OK] button.

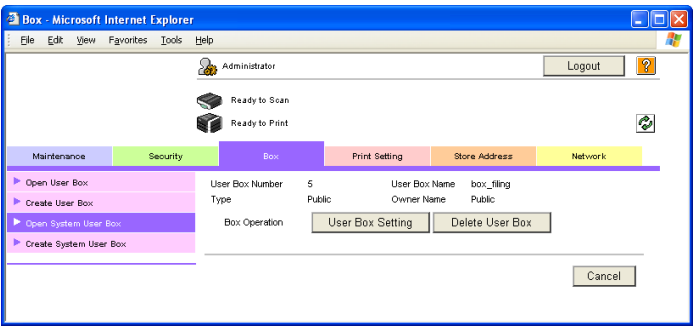


- "Bulletin Board User Box" and "Relay User Box" appear if the optional fax kit has been installed.

- 2 From the System User Box List, click the name of the desired user box. Otherwise, type in the user box number, and then click the [OK] button.
If "Annotation User Box" was selected

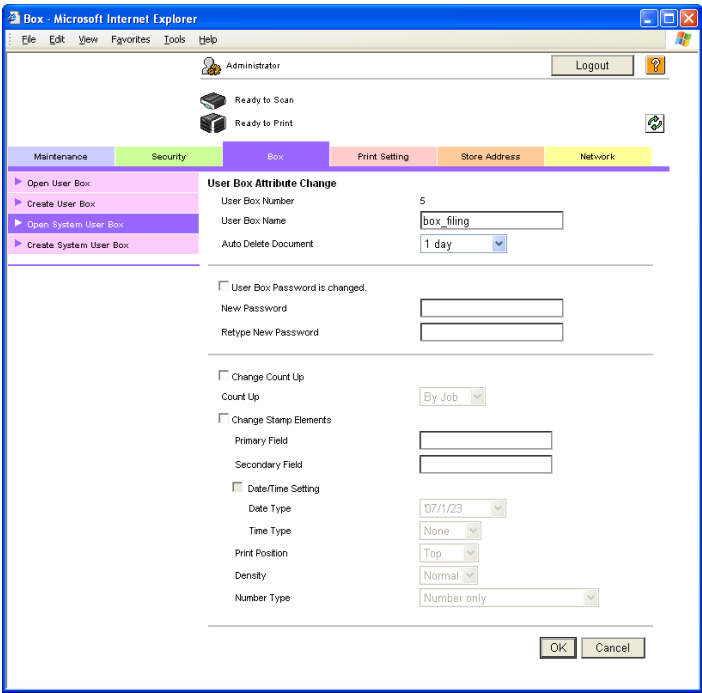


The user box information appears.



- To change the user box settings, click the [User Box Setting] button.

If "Annotation User Box" was selected



Item	Description
User Box Number	Displays the user box number. This cannot be changed.
User Box Name	Type in a user box name (up to 20 characters).
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days", "30 days" or "Do Not Keep") that a document is stored in a user box.
User Box Password is changed.	To change the user box password, select the check box, and then specify the new password (up to 8 characters, including only numerals, * and #).
Change Count Up	To change the counting method, select the check box, and then select the counting method. A setting cannot be specified if the user box contains documents.
Change Stamp Elements	To change the text, select the check box, and then specify settings for the following. Primary Field, Secondary Field, Date/Time Setting, Print Position, Density, and Number Type



Detail

When authentication is performed with PageScope Authentication Manager and logged in to the Administrator mode, and then the personal user box is selected, [User Box Setting] and [Delete User Box] do not appear.

For details on specifying settings when "Bulletin Board User Box" or "Relay User Box" is selected, refer to "Open System User Box" on page 2-18.

If authentication is performed with PageScope Authentication Manager, "User Box Owner is changed" does not appear when a public user box is selected for changing the user box settings of a bulletin board user box.

Create System User Box

New system user boxes can be created.

→ Select the system user box type, and then click the [OK] button.

– "Bulletin Board User Box" and "Relay User Box" appear if the optional fax kit has been installed.

If "Annotation User Box" was selected

Item	Description
User Box Number	Select how the registration number is to be specified ("Use opening number" or "Input directly"). If "Input directly" is selected, type in the number. If "0" is specified, the user box is automatically registered with the next available number.

Item	Description
User Box Name	Type in the user box name. If a user box password is to be specified, select the "Use Box Password" check box, and then type in the password (up to 8 characters, including only numerals, * and #).
Auto Delete Document	Select the length of time ("Save", "12 hours", "1 day", "2 days", "3 days", "7 days", "30 days" or "Do Not Keep") that a document is stored in a user box.
Count Up	Select the counting method. A setting cannot be specified if the user box contains documents.
Stamp Elements	Specify settings for the following. Primary Field, Secondary Field, Date/Time Setting, Print Position, Density, and Number Type

**Detail**

For details on specifying settings when "Bulletin Board User Box" or "Relay User Box" is selected, refer to "Create System User Box" on page 2-20.

**Reminder**

If "Password Rules" is set to "Enable", only a password containing 8 digits can be specified.

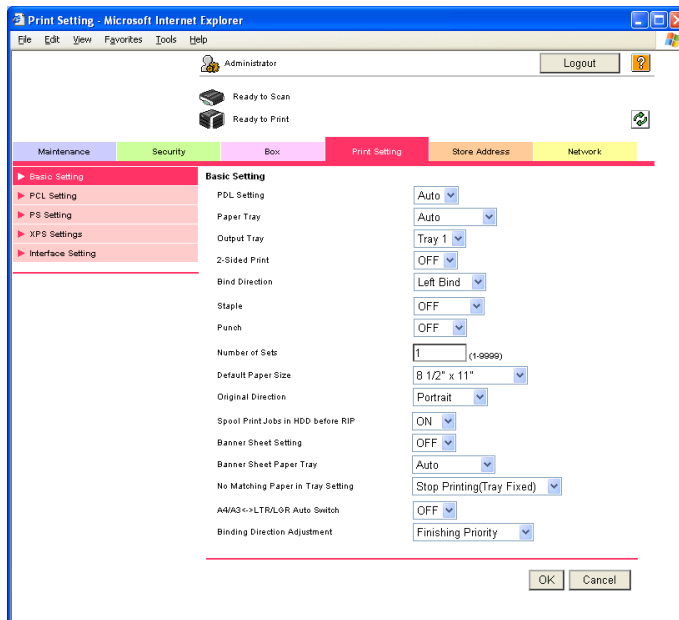
If a user box password containing less than 8 characters has already been registered, change the password so that it contains 8 characters before setting "Password Rules" to "Enable". For details on the password rules, refer to the User's Guide [Copy Operations].

3.4 Print Setting tab

Information and settings concerning the connection interface and default print settings are displayed on the Print Setting tab.

Basic Setting

The default printer settings can be specified.



Item	Description
PDL Setting	Select the printer definition language.
Paper Tray	Select the paper tray.
Output Tray	Select the output tray.
2-Sided Print	Select whether or not double-sided printing is performed.
Bind Direction	Select the binding position.
Staple	Select the desired Staple setting.
Punch	Select the desired Punch setting.
Number of Sets	Specify the number of copies to be printed.
Default Paper Size	Select the paper size.
Original Direction	Select the document orientation.
Spool Print Jobs in HDD before RIP	Select the desired spooling setting.
Banner Sheet Setting	Select whether or not banner pages can be printed.
Banner Sheet Paper Tray	Select the paper tray used to print banner pages.
No Matching Paper in Tray Setting	Select the operation that is performed when there is no paper of the appropriate size in the specified paper tray. Switch Trays (Tray Priority): Supply paper from a different paper tray. Stop Printing (Tray Fixed): A warning message appears and printing stops.
A4/A3<->LTR/LGR Auto Switch	Select whether or not to print an A4 (Letter)/A3 (Ledger) document when a paper tray containing Letter (A4)/Ledger (A3) paper is selected
Binding Direction Adjustment	Select "Finishing Priority", "Productivity Priority" or "Control Adjustments".



Reminder

The Staple settings are available only if the optional finisher is installed.

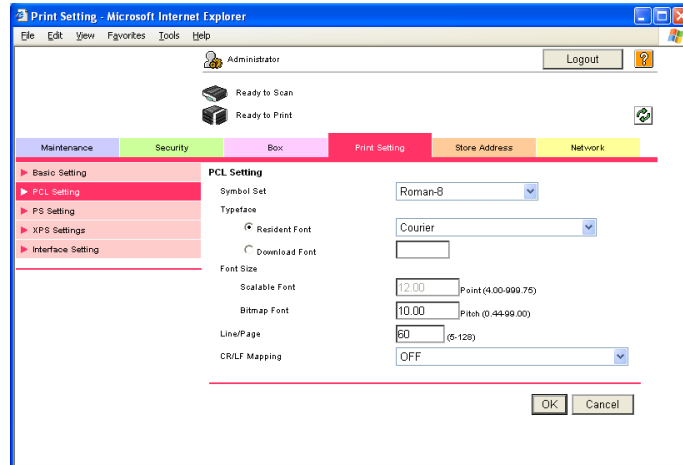
The Punch settings are available only if the optional finisher is installed.

**Note**

The information that is displayed differs depending on the options that are installed.

PCL Setting

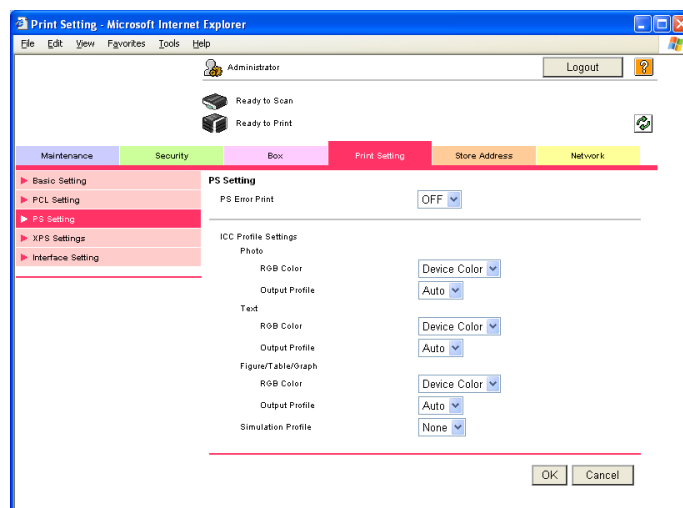
The default settings for PCL mode can be specified.



Item	Description
Symbol Set	Select the symbol set.
Typeface	Select the font.
Font Size	Specify either the font pitch (Range: 0.44 to 99.00) or the font point size (Range: 4.00 to 999.75), depending on the selected font.
Line/Page	Type in the number of lines per page. (Range: 5 to 128)
CR/LF Mapping	Select the CR/LF operation.

PS Setting

The default settings for PS mode can be specified.

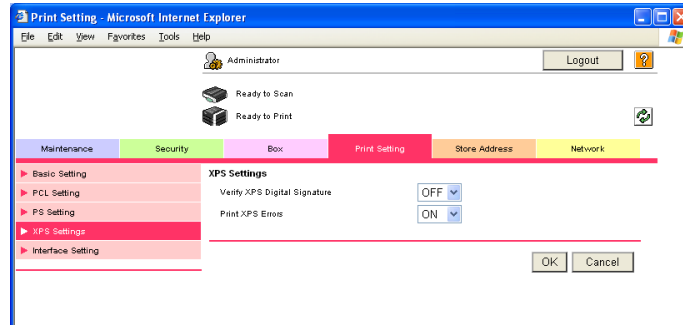


Item	Description
PS Error Print	Select whether or not to print errors.

Item	Description
Print Settings	Select the default settings for the RGB color and destination profile for image, text and graphics printing, and the default simulation profile.

XPS Settings

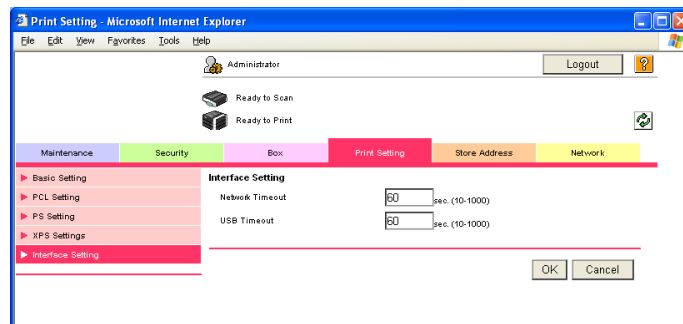
The default settings for XPS mode can be specified.



Item	Description
Verify XPS Digital Signature	Specify whether to verify digital signature. When "ON" is selected, the document without a valid digital signature is not printed.
Print XPS Errors	Specify whether to print error message when an error occurs during XPS print.

Interface Setting

The interface timeout setting can be changed.



Item	Description
Network Timeout	Type in the reception timeout for the network. (Range: 10 to 1000 seconds)
USB Timeout	Type in the USB timeout. (Range: 10 to 1000 seconds)

3.5 Store Address tab

On the Store Address tab, transmission settings and information and settings concerning the destinations are displayed.



Detail

*For details on the following menu items, refer to "Store Address tab" on page 2-23.
Address Book, Group, Program, Temporary One-Touch, Subject, and Text*

Application Registration



Detail

"Application Registration" appears in the menu only if the following two conditions are met.

- *The optional fax kit is not installed.*
- *Internet faxing is disabled.*

When using an application, such as RightFax Server, registered with an external server, register the application information and server address. By registering the application and server, a connection to the server of the selected application can automatically be established for use.

Operations that can be performed by registering applications

Up to five applications and servers can be registered. Depending on the settings of the registered application, settings for custom items can be specified. PageScope Web Connection provides templates for the following. Different custom items are specified in advance with the template, depending on the application.



Note

If templates are not used, specify the settings for custom items manually.



Reminder

Registered applications can be displayed and used from the control panel of the machine only if the following two conditions are met.

- *The optional fax kit is not installed.*
- *Internet faxing is disabled.*

If "WalkUp Fax" is selected

No.	Button Name	Function Name	Keyboard Type	Default Value	Options
1	Sender Name (CS)	Name	ASCII	Walkup	-
2	Fax Number (CS)	PersonalFaxNumber	ASCII	-	-
3	TEL Number (CS)	PersonalVoiceNumber	ASCII	-	-
4	Subject	Subject	ASCII	-	-
5	Billing Code 1	BillingCode1	ASCII	-	-
6	Billing Code 2	BillingCode2	ASCII	-	-

If "Fax with Account" is selected

No.	Button Name	Function Name	Keyboard Type	Default Value	Options
1	Sender Name (CS)	Name	ASCII	-	-
2	User ID	ID	ASCII	Walkup	-
3	Password	Password	ASCII	-	-
4	Password Auth#	Authentication	-	-	None
5	Subject	Subject	ASCII	-	-
6	Billing Code 1	BillingCode1	ASCII	-	-

No.	Button Name	Function Name	Keyboard Type	Default Value	Options
7	Billing Code 2	BillingCode2	ASCII	-	-
8	CoverSheet Type	CoverSheet	-	-	-
9	Hold For Preview	HoldForPreview	-	-	No

If "Secure Docs" is selected

No.	Button Name	Function Name	Keyboard Type	Default Value	Options
1	User ID	ID	ASCII	Walkup	-
2	Password	Password	ASCII	-	-
3	Password Auth#	Authentication	-	-	None
4	Subject	Subject	ASCII	-	-
5	Billing Code 1	BillingCode1	ASCII	-	-
6	Billing Code 2	BillingCode2	ASCII	-	-
7	CoverSheet Type	CoverSheet	-	-	-
8	Document PW	DocumentPassword	ASCII	-	-
9	Delivery Method	Delivery	-	-	Secure

If "Certified Delivery" is selected

No.	Button Name	Function Name	Keyboard Type	Default Value	Options
1	User ID	ID	ASCII	Walkup	-
2	Password	Password	ASCII	-	-
3	Password Auth#	Authentication	-	-	None
4	Subject	Subject	ASCII	-	-
5	Billing Code 1	BillingCode1	ASCII	-	-
6	Billing Code 2	BillingCode2	ASCII	-	-
7	CoverSheet Type	CoverSheet	-	-	-
8	Document PW	DocumentPassword	ASCII	-	-
9	Delivery Method	Delivery	-	-	Certified

Registering a new application

When registering an application, settings can be specified for the following.

Item	Description
No.	Displays the registration number of the selected application.
Application Name	Type in the name of the application (up to 16 characters).
Host Address	Type in the host address for the server registering the application (up to 15 characters).
File Path	Type in the file path for the application (up to 96 characters).
User ID	Type in the user ID for logging on to the server (up to 47 characters).
Password	Type in the password for logging on to the server (up to 31 characters).
anonymous	Select whether or not anonymous is used.
PASV Mode	Select whether or not the PASV mode is used.
Proxy	Select whether or not a proxy server is used.
Port No.	Type in the port number to be used. (Range: 1 to 65535)

In addition, specify settings for the custom items.

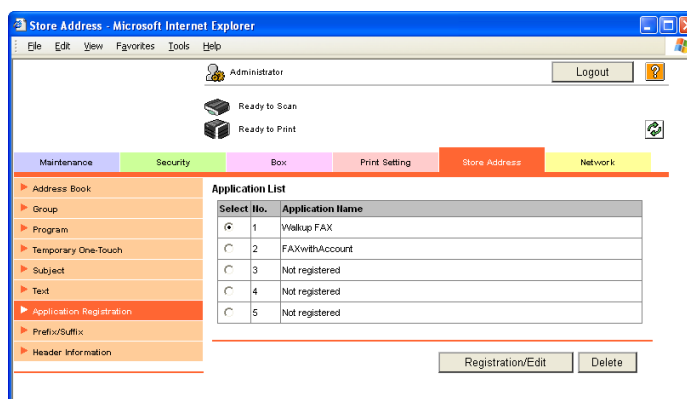
Item	Description
Custom Item List	When a template is selected, the custom items, button name and default values are displayed. To add or change settings, click the [Edit] button.

Specify details for the following for the function button.

Item	Description
No.	Displays the number of the selected item.
Button Name	Type in the name of the button (up to 16 characters).
Function Name	Select the function name from the following. ID/ Name/ Password/ Authentication/ DelaySendDateTime/ BillingCode1/ BillingCode2/ CoverSheet/ Subject/ GeneralFaxNumber/ GeneralVoiceNumber/ PersonalFaxNumber/ PersonalVoiceNumber/ DocumentPassword/ HoldForPre- view/ Delivery
Message on Panel	Type in the name that appears in the multifunctional peripheral screen (up to 32 characters).
Display Method	Select the display method from the following Enable/Enable Function (MFP Panel Input Required)/Disable/Do Not Display
Default Value	Type in the default value. To hide the default value, select the "Input string shown as *****" check box. The characters that can be entered differ depending on the selected function.
Keyboard Type	Select either "ASCII" or "Device Dependent" as the keyboard type.
Options (when "Authentication" is selected)	Select either "None" or "Password".
Options (when "Delivery" is selected)	Select "Normal", "Secure", "Certified" or "Secure Certified".
Options (when "Hold For Pre-view" is selected)	Select "Yes" or "No".
Input Type (when "DelaySend-DateTime" is selected)	Select "Year/Month/Day/Hour/Minute".
Default (when "DelaySendDateTime" is selected)	Select either "Device Time" or "Not Specify".

To register a new application

- 1 Select the application to be registered, and then click the [Registration/Edit] button.
 - If no application is registered, "Not registered" appears.



- 2 Select the template type, and then click the [Next] button.

- 3 Specify the application settings, and then click the [Next] button.

- 4 Specify settings for the custom items for the button.

No.	Button Name	Default Value	Edit
1	Sender Name (CS)	Walkup	Edit
2	Fax Number (CS)		Edit
3	TEL Number (CS)		Edit
4	Subject		Edit
5	Billing Code 1		Edit
6	Billing Code 2		Edit
7			Edit
8			Edit
9			Edit
10			Edit
11			Edit
12			Edit
13			Edit
14			Edit

- 5 Click the [Edit] button to specify details for each function. After specifying the settings, click the [OK] button.

Function Setting

No. 1

Button Name
(The blank becomes unregistered.)

Function Name

Message on Panel

Display Method

Default Value

☐ Input string shown as ****

Keyboard Type

☒ ASCII

☐ Device Dependent

OK Cancel

- 6 Click the [OK] button.

Items that can be specified when editing applications

Settings can be specified for the following items when editing applications.

Application Setting

Store Address - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Administrator Logout ?

Ready to Scan

Ready to Print

Maintenance Security Box Print Setting Store Address Network

Address Book

Group

Program

Temporary One-Touch

Subject

Text

Application Registration

Prefix/Suffix

Header Information

Application Setting

No. 1

Application Name

OK Cancel

Item	Description
No.	Displays the registration number of the selected application.
Application Name	Type in the name of the application (up to 16 characters).

Server Setting

Store Address - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Administrator Logout ?

Ready to Scan

Ready to Print

Maintenance Security Box Print Setting Store Address Network

Address Book

Group

Program

Temporary One-Touch

Subject

Text

Application Registration

Prefix/Suffix

Header Information

Server Setting

Host Address

File Path

User ID

Password

anonymous

PASV Mode

Proxy

Port No. (1-65535)

OK Cancel

Item	Description
Host Address	Type in the host address for the server registering the application (up to 15 characters).
File Path	Type in the file path for the application (up to 96 characters).
User ID	Type in the user ID for logging on to the server (up to 47 characters).
Password	Type in the password for logging on to the server (up to 31 characters).
anonymous	Select whether or not anonymous is used.
PASV Mode	Select whether or not the PASV mode is used.
Proxy	Select whether or not a proxy server is used.
Port No.	Type in the port number to be used. (Range: 1 to 65535)

Custom Setting

Store Address - Microsoft Internet Explorer

Administrator Logout ?

Ready to Scan
Ready to Print

Maintenance Security Box Print Setting Store Address Network

Address Book
Group
Program
Temporary One-Touch
Subject
Text
Application Registration
Prefix/Suffix
Header Information

Custom Setting

Custom Item List

No.	Button Name	Default Value	Edit
1	Sender Name (CS)	Walkup	Edit
2	Fax Number (CS)		Edit
3	TEL Number (CS)		Edit
4	Subject		Edit
5	Billing Code 1		Edit
6	Billing Code 2		Edit
7			Edit
8			Edit
9			Edit
10			Edit
11			Edit
12			Edit
13			Edit
14			Edit

OK Cancel

Item	Description
Custom Item List	When a template is selected, the custom items, button name and default values are displayed. To add or change settings, click the [Edit] button.

Scan Setting

Store Address - Microsoft Internet Explorer

Administrator Logout ?

Ready to Scan
Ready to Print

Maintenance Security Box Print Setting Store Address Network

Address Book
Group
Program
Temporary One-Touch
Subject
Text
Application Registration
Prefix/Suffix
Header Information

Scan Setting

☒ File Type PDF

OK Cancel

Item	Description
File Type	To enable the file type settings, select the check box, and then select either "PDF" or "TIFF" as the file type.

Notification Setting

Store Address - Notification Setting

☐ Print Notification

Type

Port No.

Queue Name

Event

☐ E-mail Notification

E-mail Address

Event

☒ File Notification

Event

OK Cancel

Item	Description
Print Notification	To send a notification when printing, select this check box.
Port No.	Type in the port number. (Range: 1 to 65535)
Queue Name	Type in the queue name (up to 32 characters).
Event	Select "Error", "Success" or "Always" for the type of event when notifications are sent.
E-mail Address	To send notifications, select the check box, and then type in the e-mail address of the recipient for e-mail notification (up to 64 characters).
Event	Select "Error", "Success" or "Always" for the type of event when notifications are sent.
File Notification	To send a notification of the file name, select this check box.
Event	Select "Error", "Success" or "Always" for the type of event when notifications are sent.

Editing registered applications

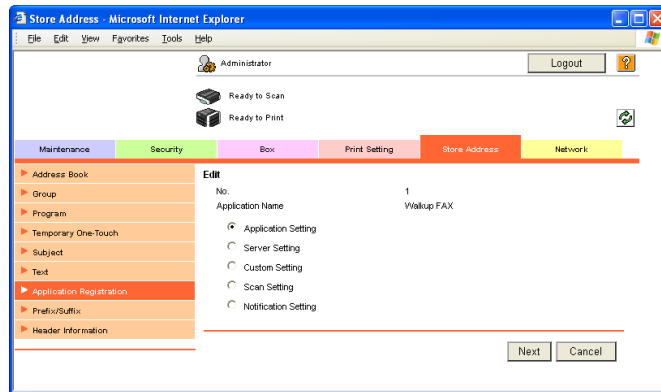
- 1 Select the application to be edited, and then click the [Registration/Edit] button.

Store Address - Application List

Select	No.	Application Name
<input checked="" type="radio"/>	1	Wakeup FAX
<input type="radio"/>	2	FAXwithAccount
<input type="radio"/>	3	Not registered
<input type="radio"/>	4	Not registered
<input type="radio"/>	5	Not registered

Registration/Edit Delete

- 2 Select the type of item to be edited, and then click the [Next] button.

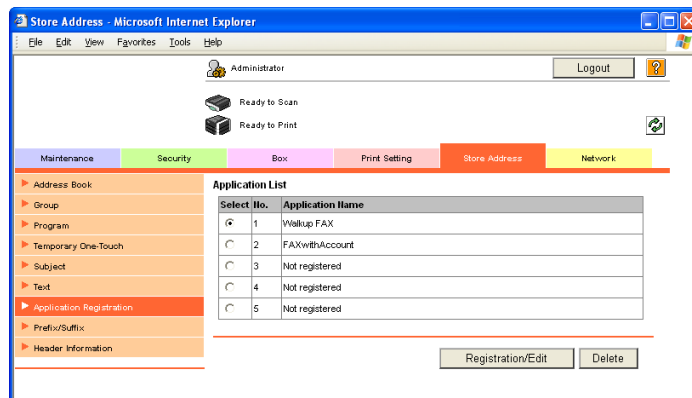


- 3 Specify the desired settings.

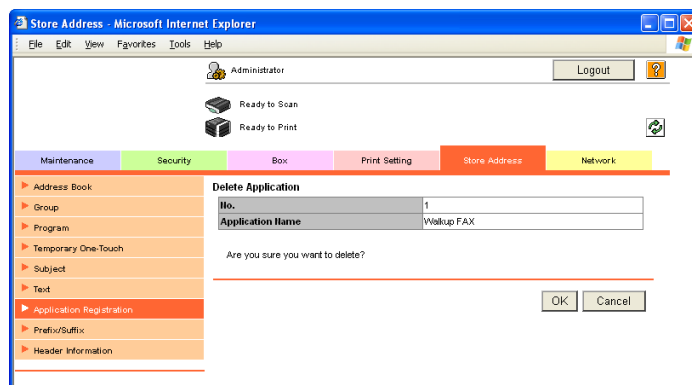
- 4 Click the [OK] button.

Deleting registered applications

- 1 Select the application to be deleted, and then click the [Delete] button.



- 2 Check the settings.

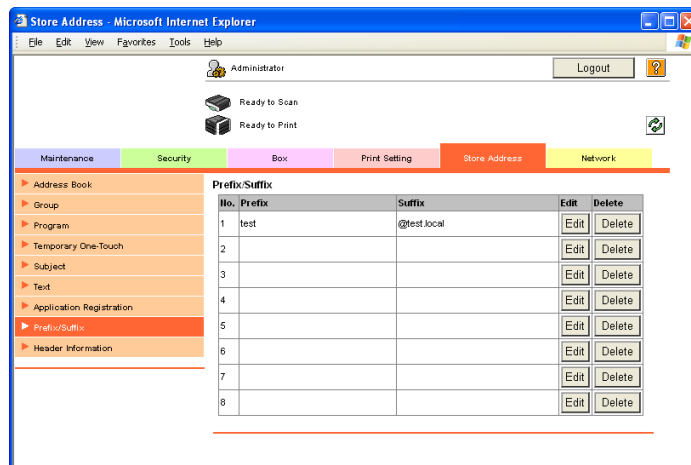


- 3 Click the [OK] button.

The application name changes "Not registered".

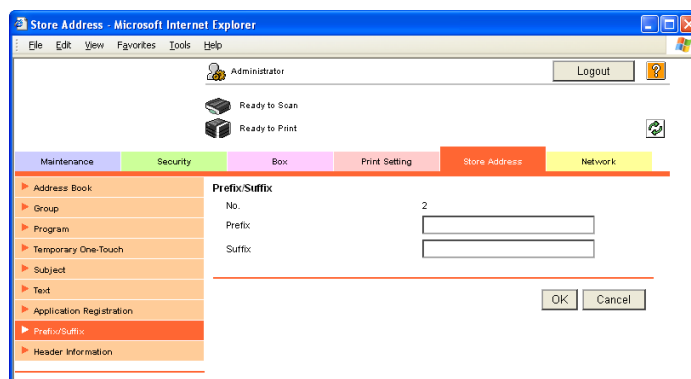
Prefix/Suffix

Prefixes and suffixes can be registered to be added as destination information when sending e-mail messages.



Item	Description
Prefix	Displays the registered prefix.
Suffix	Displays the registered suffix.
[Edit] button	Click this button to display a page to register and edit a prefix/suffix.
[Delete] button	Click this button to display a page to delete the registered prefix/suffix.

Registration page



Item	Description
No.	Displays the registration number.
Prefix	Register the prefix (up to 20 characters).
Suffix	Register the suffix (up to 64 characters).

Header Information

Register sender information for transmissions.

Item	Description
Sender Fax No.	Register the sender fax number. Normally enter the fax number of this machine.
Default	Select the sender name to be used if none is specified when sending a fax.
Sender Name	Displays the registered sender name.
[Edit] button	Click this button to display a page to register and edit sender names.
[Delete] button	Click this button to display a page to delete the registered sender name.

Registration page

Item	Description
No.	Displays the registration number.
Sender Name	Type in the sender name (up to 30 characters).

3.6 Network tab

On the Network tab, information and settings concerning network connections are displayed.



Reminder

In order to apply the changes to the settings on the Network tab, restart the machine (turn it off, then on again).

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.



Note

If a host name is entered for the server address setting required for a network connection, the server address setting may not be applied.

TCP/IP Setting - TCP/IP Setting

Specify the TCP/IP settings.

Network - Microsoft Internet Explorer

Administrator Logout

Ready to Scan
Ready to Print

Maintenance Security Box Print Setting Store Address Network

▼ TCP/IP Setting

► TCP/IP Setting

► IP Filtering

► IPsec

► E-mail Setting

► LDAP Setting

► IPP Setting

► FTP Setting

► SNMP Setting

► SMB Setting

► Web Service Settings

► Bonjour Setting

► NetWare Setting

► AppleTalk Setting

► Network Fax Setting

► WebDAV Settings

► OpenAPI Setting

► TCP Socket Setting

TCP/IP Setting
* is reflected after reset.

TCP/IP* ON

(Turn the main switch OFF, and then ON, when changing TCP/IP.)

Network Speed Auto

IP Address Setting Method* Auto Setting

☒ DHCP*

☐ BOOTP*

☒ ARP/PING*

☒ AutoIP*

IP Address 0.0.0.0

Subnet Mask 0.0.0.0

Default Gateway 0.0.0.0

IPv6 ON

Auto IPv6 Setting* ON

Link-Local Address

Global Address

Prefix Length

Gateway Address

RAW Port Number

☒ Port 1 9100 (1-65535)

☒ Port 2 9112 (1-65535)

☒ Port 3 9113 (1-65535)

☒ Port 4 9114 (1-65535)

☒ Port 5 9115 (1-65535)

☒ Port 6 9116 (1-65535)

Dynamic DNS Setting

Host Name

DNS Domain Name Setting

DNS Domain Auto Obtain Enable

DNS Default Domain Name

DNS Search Domain Name1

DNS Search Domain Name2

DNS Search Domain Name3

DNS Server Setting

DNS Server Auto Obtain Enable

Primary DNS Server 0.0.0.0

Secondary DNS Server1 0.0.0.0

Secondary DNS Server2 0.0.0.0

SLP Setting

SLP Enable

LPD Setting

LPD Enable

OK Cancel

Item	Description
TCP/IP*	Select whether or not TCP/IP is used.
Network Speed	Select the operating speed.
IP Address Setting Method*	Select whether the IP address is automatically acquired or is directly entered. If it is automatically acquired, select the check boxes to specify the acquisition conditions.
IP Address	Specify the IP address of the machine. (Format: ***.***.***.***; Range for ***: 0 to 255)
Subnet Mask	Specify the subnet mask of the connected network. (Format: ***.***.***.***; Range for ***: 0 to 255)
Default Gateway	Specify the default gateway for the connected network. (Format: ***.***.***.***; Range for ***: 0 to 255)
IPv6	Select whether or not IPv6 is used. If "ON" is selected, specify settings for the following. <ul style="list-style-type: none"> • Auto IPv6 Setting • Global Address • Prefix Length • Gateway Address
RAW Port Number	Select the check box for the port to be used, and then type in the port number. (Range: 1 to 65535)
Dynamic DNS Setting	Select whether or not Dynamic DNS is enabled.
Host Name	If Dynamic DNS is enabled, type in the host name (up to 63 characters).
DNS Domain Name Setting	Select whether or not the DNS domain name is automatically acquired. If it is not automatically acquired, type in the domain name below (up to 253 characters).
DNS Server Setting	A maximum of three DNS server addresses can be registered. (Format: ***.***.***.***; Range for ***: 0 to 255) If the machine is set to use IPv6, an IPv6 address can also be specified.
SLP Setting	Select whether or not SLP is enabled.
LPD Setting	Select whether or not LPD is enabled.



Reminder

In order to apply the changes to the settings for items which are marked with an asterisk (), restart the machine (turn it off, then on again).*

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

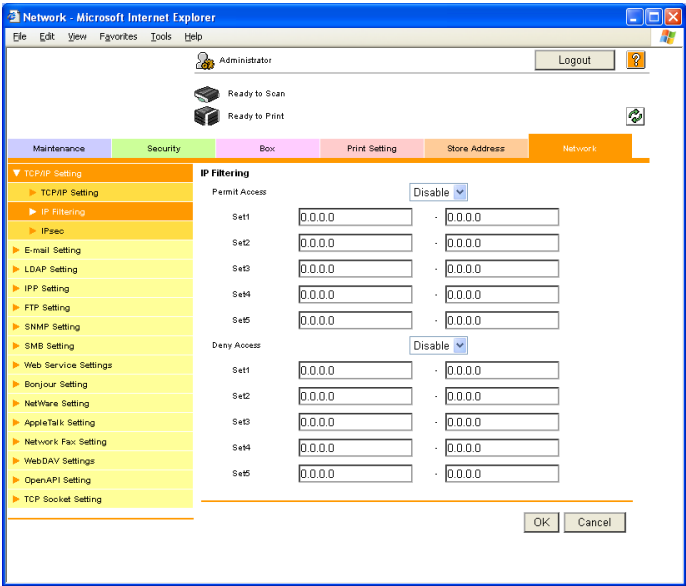
When using this machine under the IPv6 environment, there are the following restrictions.

- Printing using SMB is not available (available for direct hosting service).
- Sending scan data using SMB is not available (available for direct hosting service).
- SMB browsing is not available.
- PageScope NDPS Gateway cannot be used.
- DHCPv6 cannot be used.
- IP filtering is not available.
- The printer driver installer cannot be used.
- PageScope Web Connection cannot be displayed with Flash.

To specify a destination computer using the computer name in the IPv6 environment, the Direct Hosting setting must be enabled. To enable the Direct Hosting setting, prepare a DNS server and be sure to specify the DNS settings of this machine correctly. For details on specifying direct hosting settings, refer to "SMB Setting - Direct Hosting Setting" on page 3-70.

TCP/IP Setting - IP Filtering

Specify the settings for IP address filtering.
Access limitations can be set by specifying the IP address of the host.



Item	Description
Permit Access	Select whether or not to specify permitted address settings.
Set 1 to 5	Type in the permitted addresses. (Format: ***.***.***.***; Range for ***: 0 to 255)
Deny Access	Select whether or not to specify denied address settings.
Set 1 to 5	Type in the denied addresses. (Format: ***.***.***.***; Range for ***: 0 to 255)



Detail

Permitting (denying) a single IP address can be specified in any of the following ways.

Type in the IP address as the starting address, and then type "0.0.0.0" as the ending address (for example, "192.168.11.22 – 0.0.0.0").

Type "0.0.0.0" as the starting address, and then type in the IP address as the ending address (for example, "0.0.0.0 – 192.168.11.22").

Type in the same address as the starting address and as the ending address (for example, "192.168.11.22 – 192.168.11.22").

TCP/IP Setting - IPsec

Specify the IPsec function for encrypted transmissions, for example, the key management protocol.

Item	Description
IPsec	Select whether or not IPsec is used.



Reminder

The settings for this function will fail to be specified if an invalid setting is specified for "IKE", "SA" or "Peer".

IKE Setting

IKE Setting

No. 1

Encryption Algorithm OFF

Authentication Algorithm OFF

OK Cancel

Item	Description
Key Validity Period	Specify the validity period of a key generated when creating a control tunnel.
Diffie-Hellman Group	Select "Diffie-Hellman Group".
Encryption Algorithm	Select the encryption algorithm to be used when creating a control tunnel.
Authentication Algorithm	Select the authentication algorithm to be used when creating a control tunnel.

SA Setting

SA Setting

No. 1

Security Protocol OFF

ESP Encryption Algorithm OFF

ESP Authentication Algorithm OFF

AH Authentication Algorithm OFF

OK Cancel

Item	Description
Lifetime After Establishing SA	Specify the validity period of a key generated when creating a communication tunnel.
Security Protocol	Select the security protocol.
ESP Encryption Algorithm	When "ESP" is selected for "Security Protocol", specify the ESP encryption algorithm.
ESP Authentication Algorithm	When "ESP" is selected for "Security Protocol", specify the ESP authentication algorithm.
AH Authentication Algorithm	When "AH" is selected for "Security Protocol", specify the AH authentication algorithm.

Peer

Item	Description
Perfect Forward Secrecy	To increase the IKE strength, select "ON".
Peer	Specify the IP address of the peer.
Pre-Shared Key Text	Specify the Pre-Shared Key text shared with the peer.
Encapsulation Mode	Specify the operation mode of IPsec.

E-mail Setting - E-mail RX (POP)

Specify settings when using POP before SMTP for authenticating the e-mail sender.

Item	Description
E-mail RX Setting	Select whether or not e-mail is received.
POP Server Address	Type in the address of the reception POP server. (Format: ***.***.***.*** or FQ DN: Range for ***: 0 to 255) To type in a host name, select the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified. Before entering a host name, check that the DNS setting is correctly specified. For details, refer to "TCP/IP Setting - TCP/IP Setting" on page 3-53.
Login Name	Type in the logon name for the POP server (up to 63 characters).
Password	Type in the password for logging on to the POP server (up to 15 characters).
APOP Authentication	Select whether or not APOP authentication is used.
MDN Response	Select whether MDN response is turned on or off.
Connection Timeout	Specify the amount of time until communication with the server times out.
Port Number	Type in the port number for the server. (Range: 1 to 65535)

Item	Description
Use SSL/TLS Port No. (SSL)	Select whether or not SSL/TLS is used. To use SSL/TLS, select the check box, and then type in the port number. (Range: 1 to 65535)
Check for New Messages	Specify whether or not the server is automatically checked for received e-mail messages. This appears if the Internet fax operation can be used.
Polling Interval	Specify the polling interval. (Range: 1 to 60 minutes) This appears if the Internet fax operation can be used.



Reminder

When the POP server is logged in with APOP, the password is encrypted with Digest-MD5. If "ON" is specified for APOP authentication, you cannot log in to the server if the POP server does not support APOP.

E-mail Setting - E-mail TX (SMTP)

Specify e-mail transmission settings.

Item	Description
E-mail TX Setting	Select whether or not e-mail is sent If "ON" is selected, select whether or not the Scan to E-mail, E-mail Notification and Total Counter Notification operations can be used.
SMTP Server Address	Type in the address of the transmission SMTP server. (Format: ***.***.***.*** or FQDN: Range for ***: 0 to 255) To type in a host name, select the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified. Before entering a host name, check that the DNS setting is correctly specified. For details, refer to "TCP/IP Setting - TCP/IP Setting" on page 3-53.
Use SSL/TLS	To encrypt communication between this machine and the SMTP server using SSL/TLS, select "SMTP over SSL" or "Start TLS".
Port Number	Default setting: 25 If "Start TLS" is selected, specify the port number.

Item	Description
Port No. (SSL)	Default setting: 465 If "SMTP over SSL" is selected, specify the port number to be used for SSL communication.
Connection Timeout	Specify the amount of time until communication with the server times out.
Max Mail Size	Select whether or not to limit the size of sent e-mail messages.
Server Capacity	Type in the capacity of the SMTP server when limiting e-mail message sizes. (Range: 1 to 100 Mbytes)
Admin. E-mail Address	Displays the administrator address.
Device Mail Address	Type in the address of the device (up to 320 characters).
POP before SMTP	Select whether or not POP before SMTP is used. In order to perform user authentication with POP before SMTP, some settings must be specified so that the mail server can be accessed correctly with POP. For details, refer to "E-mail Setting - E-mail RX (POP)" on page 3-58.
POP before SMTP Time	Type in the POP before SMTP period. (Range: 0 to 60 seconds)
SMTP Authentication	To perform SMTP server authentication, select this check box.
User ID	Type in the user ID for performing SMTP server authentication (up to 255 characters).
Password	Type in the password for SMTP server authentication (up to 128 characters).
Domain Name	Type in the domain name for the SMTP server.
Authentication Settings	This option appears when user authentication settings have been specified. If "SMTP Authentication" is set to "ON", select whether user authentication or a set value is used.
Binary Division	To divide large e-mail messages and send them in small sections, select this check box. This is used to send data that has exceeded the maximum capacity when the maximum capacity is limited per e-mail message on the e-mail server.
Divided Mail Size	Type in the binary division size. (Range: 100 to 15000 Kbytes)

For sending e-mail, administrator address must be specified. For details on the administrator address setting, refer to "Machine Setting" on page 3-7.



Reminder

A SMTP authentication method that is supported by the SMTP server and provided with the strongest encryption strength is automatically selected from Digest-MD5, CRAM-MD5, PLAIN, and LOGIN.

If there is just one domain (realm) to which the user belongs, it is notified from the SMTP server at the time of initial communication, and communication is automatically made using the domain name. Therefore, no domain name setting on this machine is not required. If there are two domains or more to which the user belongs, however, specify the domain name to which the user belongs.

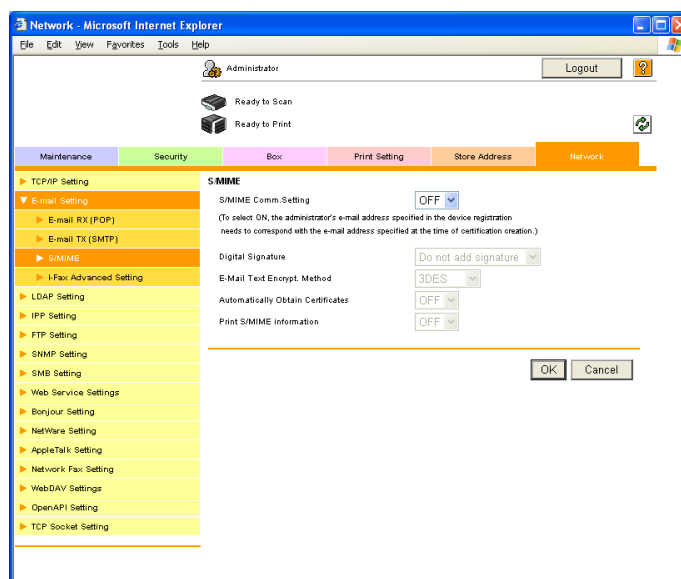
If the POP server is different from the SMTP server, the POP server informs the SMTP server that it has been logged in. Therefore, if the set POP before SMTP time is too short, messages may not be sent.

If virus scanning software is used on the mail server, the binary division feature may not be available. For details, contact your network administrator.

To receive binary divided e-mail messages, mail client software supporting divided reception is required. Depending on the mail client software being used, it may not be possible to combine received e-mail messages that have been divided.

E-mail Setting - S/MIME

Specify the S/MIME settings.



Item	Description
S/MIME Comm. Setting	Select whether or not S/MIME communication is used.
Digital Signature	Select "Do not add signature", "Always add signature" or "Select when sending" as the digital signature setting.
E-mail Text Encrypt. Method	Select the encryption type for the body of e-mail messages.
Automatically Obtain Certificates	Select whether or not certificates are automatically obtained.
Print S/MIME information	Select whether or not S/MIME information is printed.

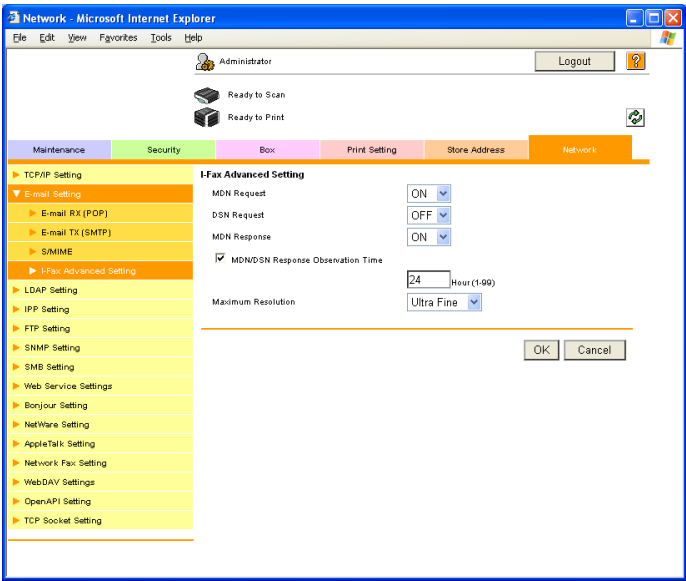


Reminder

After specifying settings for "Automatically Obtain Certificates", register the E-mail address for which a certificate is to be registered in Address Book. After registering the E-mail address, send the message with a digital signature attached from the computer on the network to this machine. If the E-mail address registered in this machine matches the E-mail address of the received certificate, the certificate is automatically registered.

E-mail Setting - I-Fax Advanced Setting

Specify the advanced settings for Internet fax transmissions. "I-Fax Advanced Setting" appears if the Internet fax operation can be used.



Item	Description
MDN Request	Select whether MDN request is turned on or off.
DSN Request	Select whether DSN request is turned on or off.
MDN Response	Select whether MDN response is turned on or off.
MDN/DSN Response Observation Time	Select this check box, and then specify the length of time that MDN/DSN response is monitored.
Maximum Resolution	Select either "Super Fine" or "Ultra Fine".

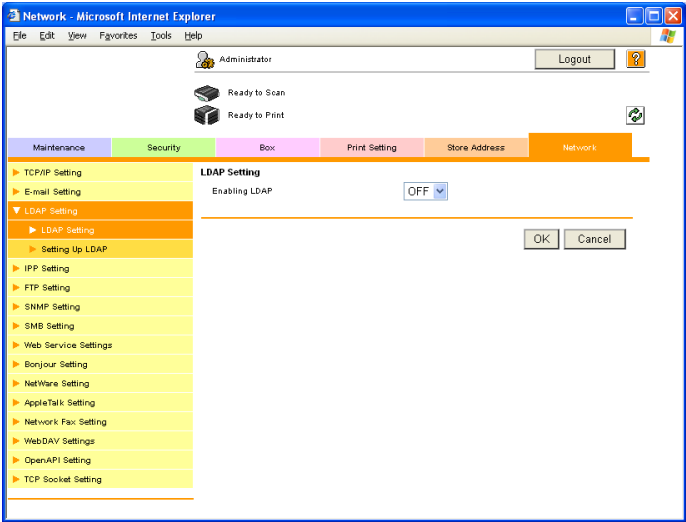
LDAP Setting - LDAP Setting

Select whether or not LDAP is used.



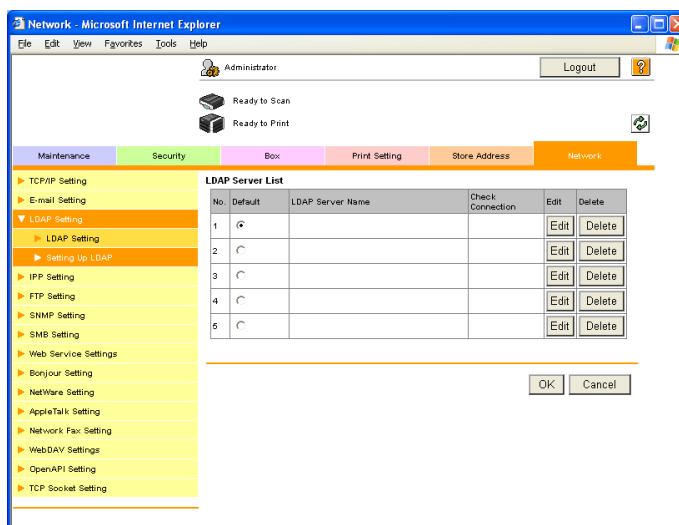
Reminder

If the LDAP server settings are not set correctly, there may be interference in the network. This setting should be specified by the network administrator.



LDAP Setting - Setting Up LDAP

Register the LDAP server. A maximum of 5 LDAP servers can be registered.



Item	Description
Default	Select the LDAP server to be used as the default.
LDAP Server Name	Displays the name of the LDAP server.
[Check Connection] button	If the LDAP settings are enabled, a button appears. Click this button to check the connection with the LDAP server.
[Edit] button	Click this button to display a page to register LDAP servers.
[Delete] button	Click this button to display a page to delete the registered LDAP server.

Setting Up LDAP

Item	Description
No.	Displays the number of the LDAP server.
LDAP Server Name	Type in the name of the LDAP server.
Server Address	Type in the address of the LDAP server. (Format: ***.***.***.*** or FQDN: Range for ***: 0 to 255) The only symbols that can be used are the dash (-) and period (.). To type in a host name, check the "Please check to enter host name." check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
Port Number	Type in the port number to be used for communication with the LDAP server. (Range: 1 to 65535)
Enable SSL Port Number (SSL)	Select whether or not to use SSL/TLS to communicate with the LDAP server.
Search Base	Specify the starting point for LDAP searches (up to 255 characters).
Timeout	Type in the amount of time until an LDAP search times out. (Range: 5 to 300 seconds)
Max. Search Results	Type in the maximum that can be received as LDAP search results. (Range: 5 to 1000)
Authentication Method	Select the LDAP authentication method. The settings that can be specified differ depending on the selected authentication method. If "anonymous" is selected, it is not necessary to specify the domain name, logon name and password.
Login Name	If any setting other than "anonymous" is selected as the authentication method, type in the domain name (up to 255 characters).
Password	If any setting other than "anonymous" is selected as the authentication method, type in the password (up to 128 characters).
Domain Name	If "GSS-SPNEGO" is selected as the authentication method, type in the domain name (up to 64 characters).
Select Server Authentication Method	Select the authentication method for the LDAP server.
Use Referral	Select whether or not the referral setting is used. If referral is used, the upper and lower levels are searched with the search base specified in the LDAP server settings as the starting point.
Initial Setting for Search Details	Specify the conditions for performing a detailed LDAP search. Select "OR", "AND", "STARTS WITH" or "ENDS WITH" for the name, e-mail address, fax number, last name, first name, city organization and account.



Detail

Select the authentication method that is used by the LDAP server being used. For details, refer to the manual for the LDAP server being used.

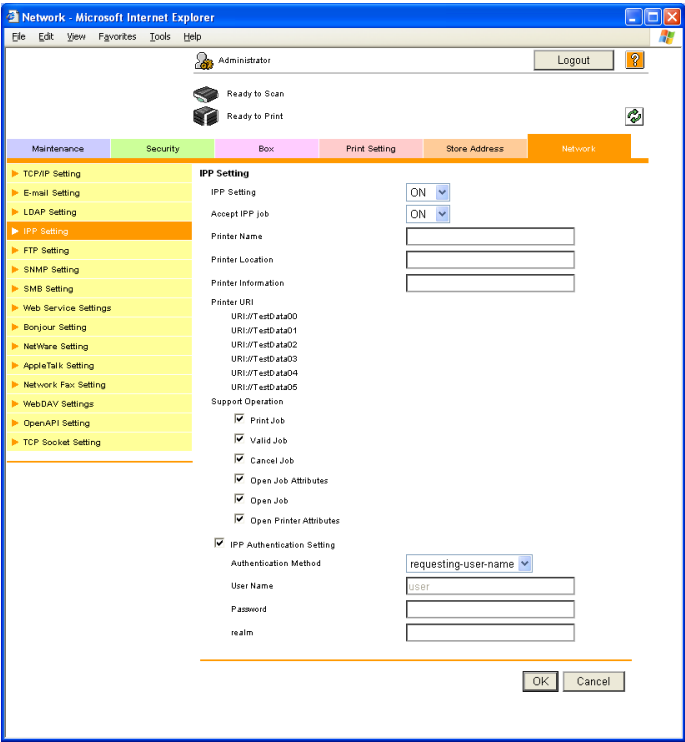
If "GSS-SPNEGO" is selected as the authentication method, type in the domain name of Active Directory.

To specify Active Directory as the LDAP server and select "GSS-SPNEGO" as the authentication method, specify a DNS server synchronized with Active Directory in the DNS Server Settings of this machine. For details on the DNS server, refer to "TCP/IP Setting - TCP/IP Setting" on page 3-53

When using Active Directory, specify the date and time on this machine. For details, refer to "Date/Time Setting - Manual Setting" on page 3-8.

IPP Setting

Specify the settings for IPP printing.



Item	Description
IPP Setting	Select whether or not IPP printing is used
Accept IPP Job	Select whether or not to use IPP job acceptance.
Printer Name	Type in the name of the print server (up to 127 characters).
Printer Location	Type in the printer location (up to 127 characters). The printer location specified here appears in the body of status notification e-mail message specified with "Status Notification Setting" on the Maintenance tab.
Printer Information	Type in the printer information (up to 127 characters).
Printer URI	Displays the URI of the printer that can use IPP when printing.
Support Operation	Select the print operations supported by IPP.
IPP Authentication Setting	Select the "IPP Authentication Setting" check box, and then specify the authentication method, user name, password and realm setting for IPP connections.

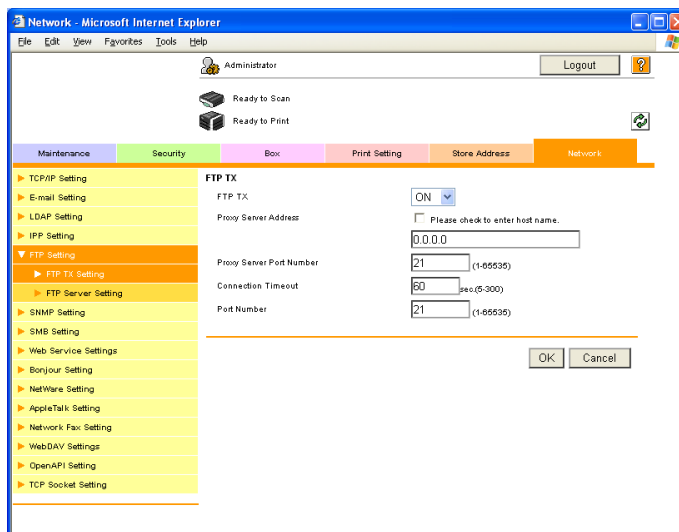


Detail

For details on the status notification function, refer to "Status Notification Setting" on page 3-4.

FTP Setting - FTP TX Setting

Specify the transmission settings, such as the FTP proxy server.

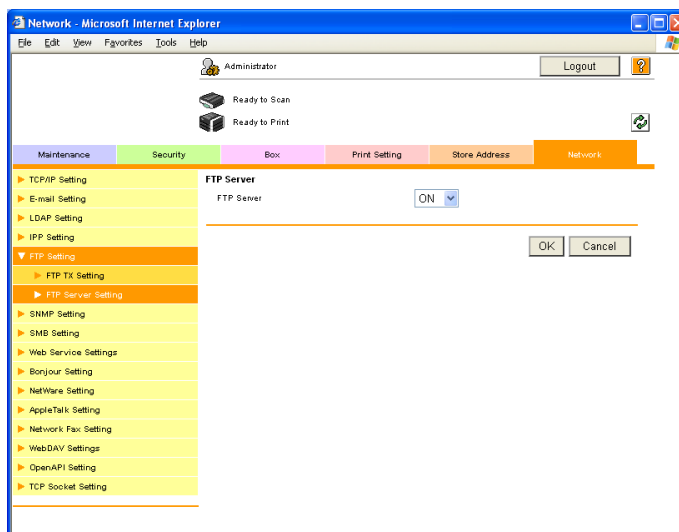


Item	Description
FTP TX	Select whether or not the FTP TX function is used.
Proxy Server Address	Type in the address of the proxy server. (Format: *.*.*.* or FQDN: Range for *.*: 0 to 255) To type in a host name, select the check box. If the machine is set to use IPv6, an IPv6 address can also be specified.
Proxy Server Port Number	Type in the port number for the proxy server. (Range: 1 to 65535)
Connection Timeout	Type in the amount of time until communication with the FTP server times out. (Range: 5 to 300 seconds)
Port Number	Type in the port number. (Range: 1 to 65535)

FTP Setting - FTP Server Setting

Specify settings for FTP server.

This machine serves as an FTP server by specifying the following settings. To use an application that synchronizes with this machine as an FTP client, specify this setting.



Item	Description
FTP Server	Select whether or not the FTP server is used.

**Note**

If "Enhanced Security Mode" is set to enable, "OFF" is selected.

SNMP Setting

Specify the SNMP settings.

Item	Description
SNMP	Select whether or not SNMP is used. If yes, specify whether to use SNMP v1/v2 (IP), SNMP v3, and SNMP v1 (IPX). SNMP v1 (IPX) can be specified only when IPX is enabled.
UDP Port Setting	Default setting: 161 Specify the UDP port number.
SNMP v1/v2c Setting	Specify settings for using SNMP v1/v2c.
Read Community Name	Specify the community name to be used for scanning (up to 15 characters).
Write Community Name	Specify the community name to be used for reading and writing (up to 15 characters).
SNMP v3 Setting	Specify settings for SNMP v3.
Context Name	Specify the context name (up to 63 characters).
Discovery User Name	Specify the user name for detection (up to 32 characters).
Read User Name	Specify the name of read only user (up to 32 characters).
Security Level	Specify the security level for read only user.
auth-password	Specify the read only user authentication password to be used for authentication (up to 32 characters).
priv-password	Specify the read only user privacy password to be used for privacy (encryption) (up to 32 characters).
Write User Name	Specify the reading/writing user name (up to 32 characters).
Security Level	Specify the security level for reading/writing user.

Item	Description
auth-password	Specify the reading/writing user authentication password to be used for authentication (up to 32 characters).
priv-password	Specify the reading/writing user privacy password to be used for privacy (encryption) (up to 32 characters).
Encryption Algorithm	Specify the encryption algorithm.
Authentication Method	Specify the authentication method.

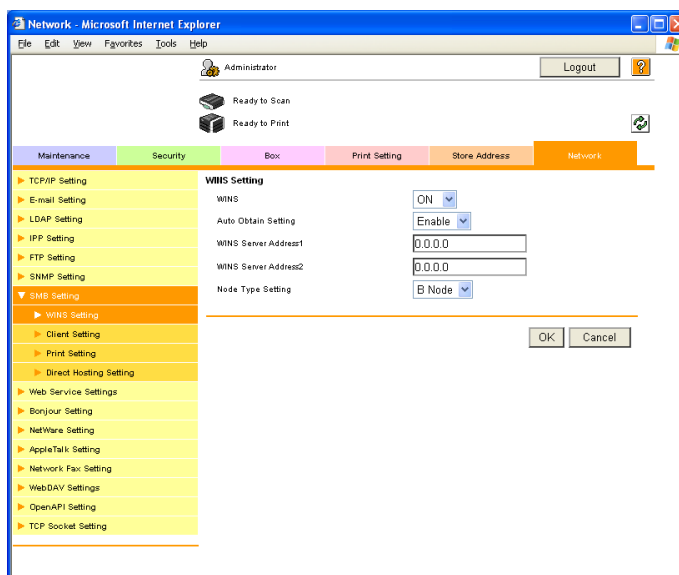
**Note**

If "Enhanced Security Mode" is set to enable, the community name for the SNMP v1/v2c settings will be displayed. In addition, "Authentication OFF" cannot be selected beside "Write User Name"- "Security Level" under "SNMP v3 Setting".

SMB Setting - WINS Setting

Specify the WINS settings for SMB.

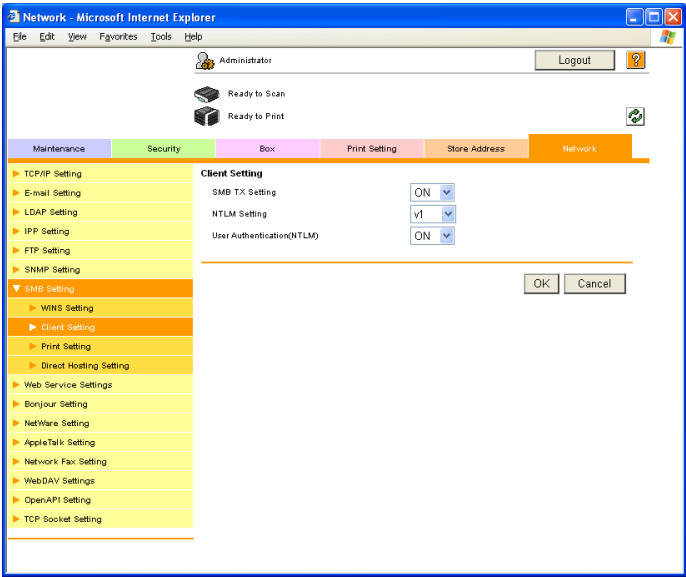
When performing a SMB printing through a router, specify WINS according to the settings in the page displayed by clicking "Print Setting" below "SMB Setting" in the menu.



Item	Description
WINS	Select whether or not WINS is used.
Auto Obtain Setting	Select whether to enable or disable automatic acquisition of WINS.
WINS Server Address1	Type in the WINS server address. (Format: *.*.*.*; Range for *: 0 to 255)
WINS Server Address2	
Node Type Setting	Specify the name resolution method. <ul style="list-style-type: none"> • B Node: Query by broadcast • P Node: Query to WINS server • M Node: Query in the order of broadcast, then WINS server • H Node: Query in the order of WINS server, then broadcast

SMB Setting - Client Setting

Specify the settings for the SMB client functions.



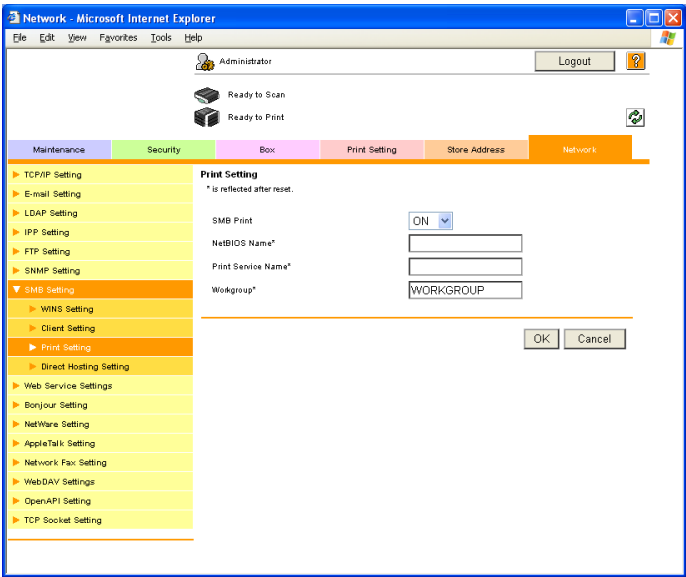
Item	Description
SMB TX Setting	Select whether or not SMB transmission is used.
NTLM Setting	Select the NTLM setting.
User Authentication (NTLM)	Select whether or not user authentication (NTLM) is used.



Note
When the user authentication is set to external server authentication and "NTLM v1" or "NTLM v2" is selected as the server type, the settings are synchronized and the user authentication changes to machine authentication if "User Authentication (NTLM)" is set to "OFF". After the setting has changed, the user authentication setting cannot be changed.

SMB Setting - Print Setting

Specify the settings for SMB printing.



Item	Description
SMB Print	Select whether or not the SMB printing (Windows printing) service is used.
NetBIOS Name*	Type the NetBIOS name in uppercase letters (up to 15 characters, including only -).
Print Service Name*	Type the name of the print service in uppercase letters (up to 12 characters, excluding / and \).
Workgroup*	Type the name of the workgroup in uppercase letters (up to 15 characters, excluding “\ ; : , * < > + = and ?).



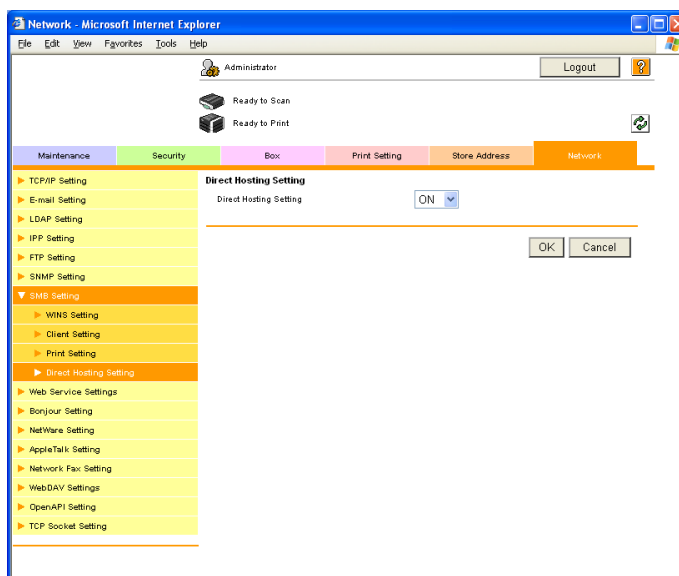
Reminder

In order to apply the changes to the settings for "NetBIOS Name", "Print Service Name", and "Workgroup", restart the machine (turn it off, then on again).

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

SMB Setting - Direct Hosting Setting

Specify the settings for direct hosting services.



Item	Description
Direct Hosting Setting	To use the direct hosting service, select "ON". To communicate with the destination using an IPv6 address, select "ON".

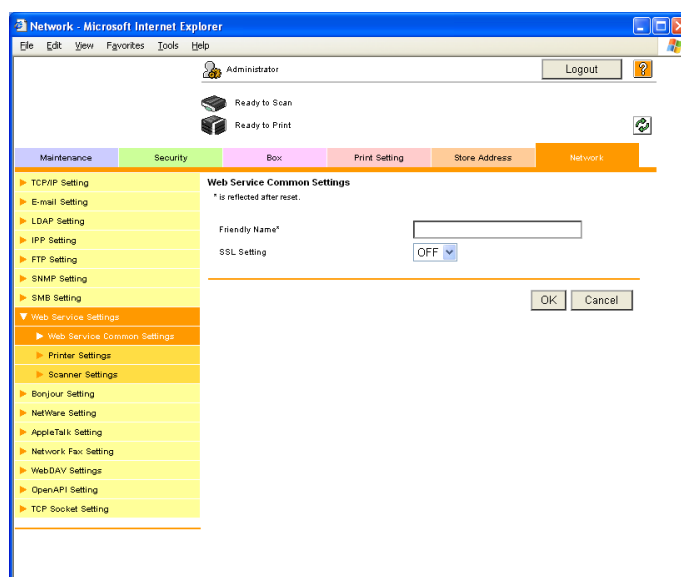


Reminder

To specify a destination computer using the computer name in the IPv6 environment, the Direct Hosting setting must be enabled. To enable the Direct Hosting setting, prepare a DNS server and be sure to specify the DNS settings of this machine correctly. For details on specifying the DNS server settings, refer to "TCP/IP Setting - TCP/IP Setting" on page 3-53.

Web Service Settings - Web Service Common Settings

Specify the settings for using a Web Service Function.



Item	Description
Friendly Name *	Specify setting for Friendly Name (up to 62 characters).
SSL Setting	This appears if an SSL certificate is installed. Select "ON" when encryption is applied.



Reminder

In order to apply the changes to the settings for items which are marked with an asterisk (), restart the machine (turn it off, then on again).*

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

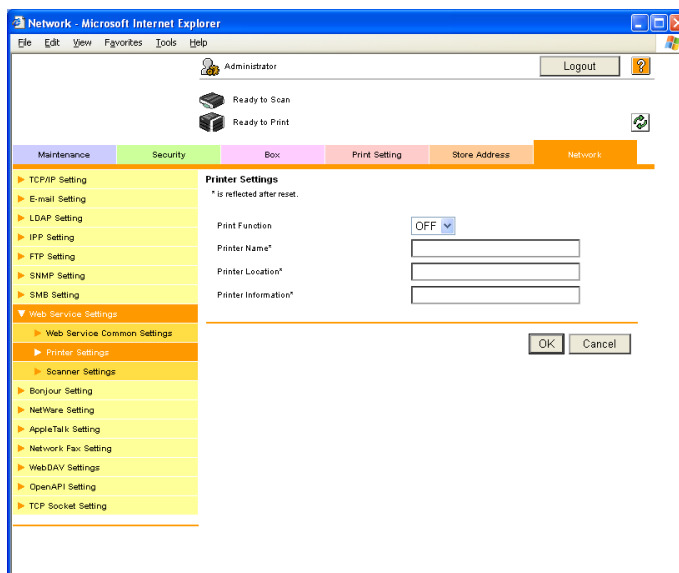
To encrypt communication from a Windows Vista-equipped computer to this machine using SSL, the computer must be able to resolve the names for this machine using the DNS server. Register this machine to the DNS server in advance, and specify settings for DNS at the computer side.

When the certificate of this machine is not published by certificate authority, register the certificate of this machine to Windows Vista as a certificate of "Trusted Publishers" for "Computer account" in advance.

To encrypt communication from this machine to a Windows Vista-equipped computer using SSL, create a certificate at the computer side in advance to associate the computer with the communication port.

Web Service Settings - Printer Settings

Specify the settings for using print functions with a Web Service Function.



Item	Description
Print Function	Select "ON".
Printer Name*	Specify the printer name (up to 63 characters).
Printer Location*	Specify the printer location (up to 63 characters).
Printer Information*	Specify the printer information (up to 63 characters).



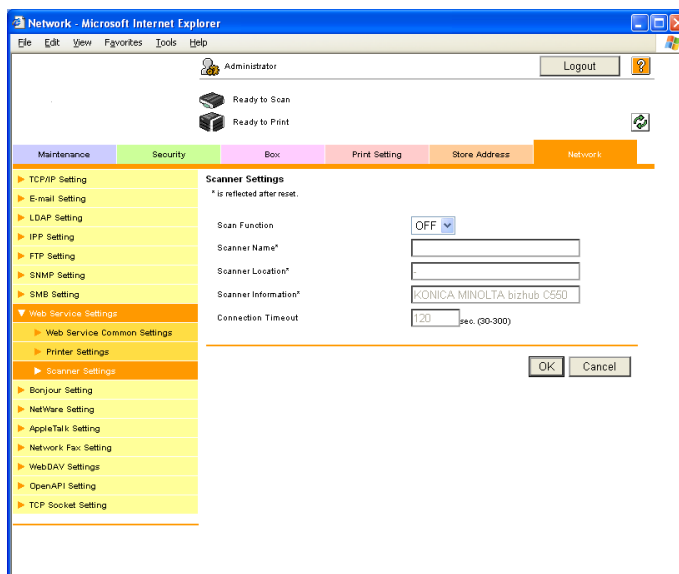
Reminder

In order to apply the changes to the settings for items which are marked with an asterisk (), restart the machine (turn it off, then on again).*

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

Web Service Settings - Scanner Settings

Specify the settings for using scanning functions with a Web Service Function.



Item	Description
Scan Function	Select "ON".
Scanner Name*	Specify the scanner name (up to 63 characters).
Scanner Location*	Specify the scanner location (up to 63 characters).
Scanner Information*	Specify the scanner information (up to 63 characters).
Connection Timeout	Specify the time period before the server connection times out.



Reminder

In order to apply the changes to the settings for items which are marked with an asterisk (), restart the machine (turn it off, then on again).*

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

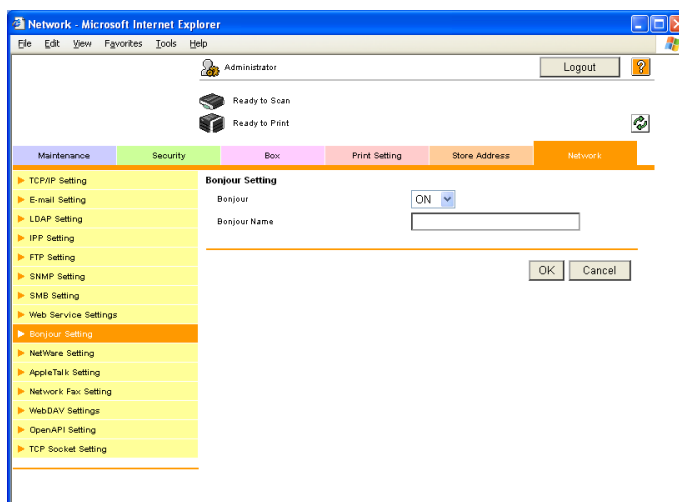


Detail

This menu item does not appear if an optional image controller is enabled.

Bonjour Setting

Specify the Bonjour settings.



Item	Description
Bonjour	Select whether or not a Bonjour/Rendezvous connection is used.
Bonjour Name	Specify the Bonjour name that appears as the name of the connected device (up to 63 characters).

NetWare Setting - NetWare Setting

Specify the NetWare settings.

Item	Description
IPX Setting*	Select whether or not NetWare is used.
Ethernet Frame Type*	Select the frame type.
NetWare Print Mode*	Select either "PServer" or "Nprinter/Rprinter" as the operating mode for the print server.
Print Server Name*	Type in the name of the print server (up to 63 characters, excluding / \ ; : , * [] < > + = ? and .).
Print Server Password*	Type in the password for the print server (up to 63 characters).
Polling Interval*	Specify the interval for scanning the print queue. (Range: 1 to 65535 seconds)
Bindery/NDS Setting*	Select either "NDS" or "NDS/Bindery Setting".
File Server Name*	Type in the name of the Bindery preferred print server (up to 47 characters, excluding / \ ; : , * [] < > + = ? and .).
NDS Context Name*	Type in the preferred NDS context name (up to 191 characters, excluding / \ ; : , * [] < > + = and ?).
NDS Tree Name*	Type in the preferred NDS tree name (up to 63 characters, excluding / \ ; : , * [] < > + = ? and .).
Print Server Name*	Type in the name of the Nprinter/Rprinter print server (up to 63 characters, excluding / \ ; : , * [] < > + = ? and .).
Printer Number*	Type in the Nprinter/Rprinter printer number. (Range: 0 to 255)
User Authentication Setting	Select whether or not user authentication is used with NetWare connections.



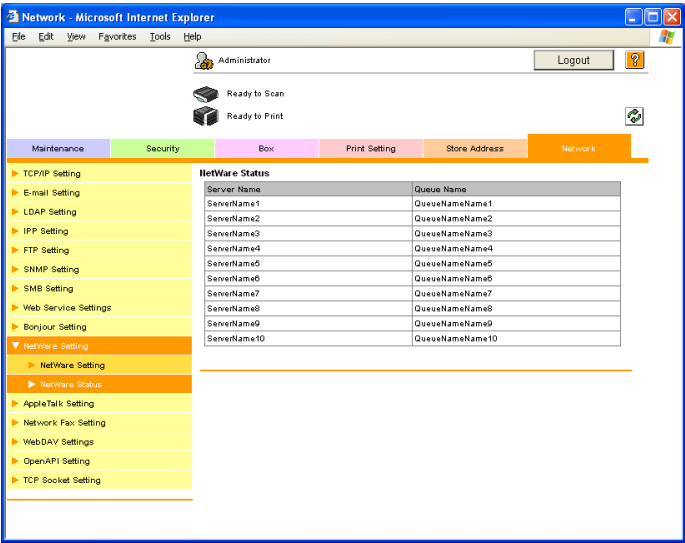
Reminder

In order to apply the changes to the settings for items which are marked with an asterisk (), restart the machine (turn it off, then on again).*

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

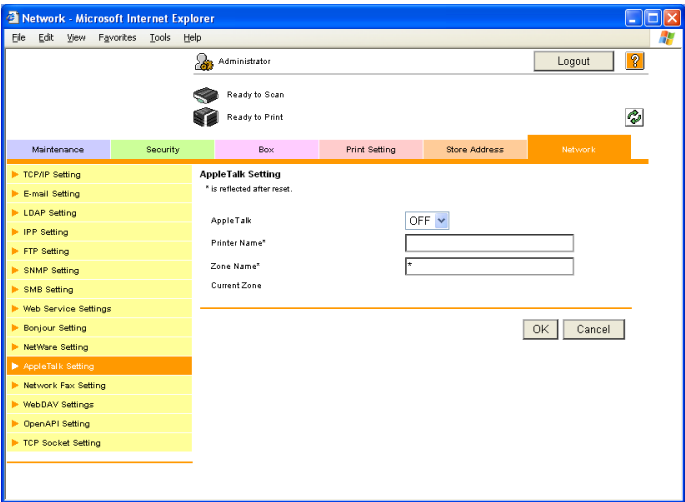
NetWare Setting - NetWare Status

The server and print queue name are displayed to show the NetWare connection status.



AppleTalk Setting

Specify the AppleTalk settings.



Item	Description
AppleTalk	Select whether or not AppleTalk is used.
Printer Name*	Type in the name of the print server (up to 31 characters, excluding = and ~).
Zone Name*	Type in the zone name (up to 31 characters).
Current Zone	Displays the current zone name.



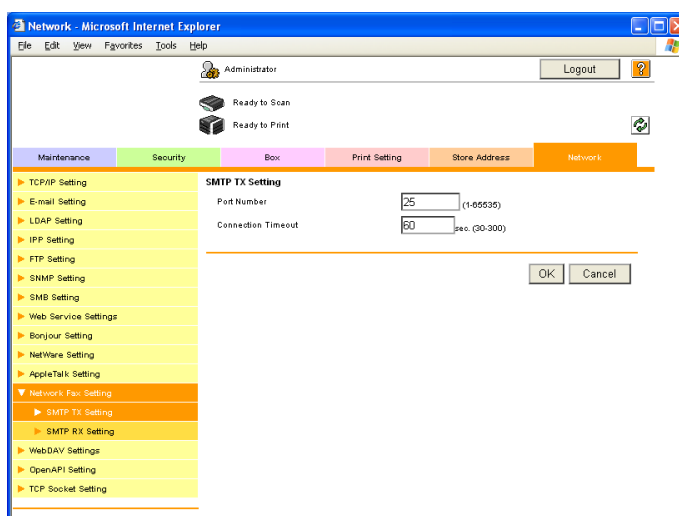
Reminder

In order to apply the changes to the settings for "Printer Name" and "Zone Name", restart the machine (turn it off, then on again).

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

Network Fax Setting - SMTP TX Setting

Specify the settings for direct SMTP transmissions.



Item	Description
Port Number	Type in the port number. (Range: 1 to 65535)
Connection Timeout	Type in the amount of time until the connection times out. (Range: 30 to 300 seconds)

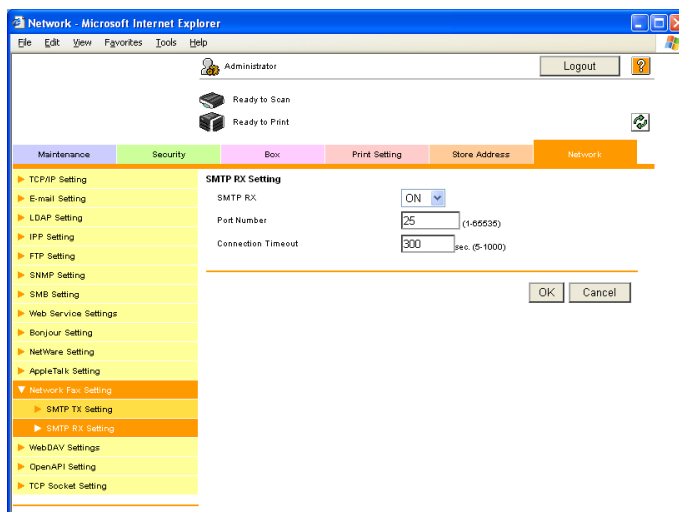


Note

The settings are available if network fax operations can be used.

Network Fax Setting - SMTP RX Setting

Specify the settings for direct SMTP reception.



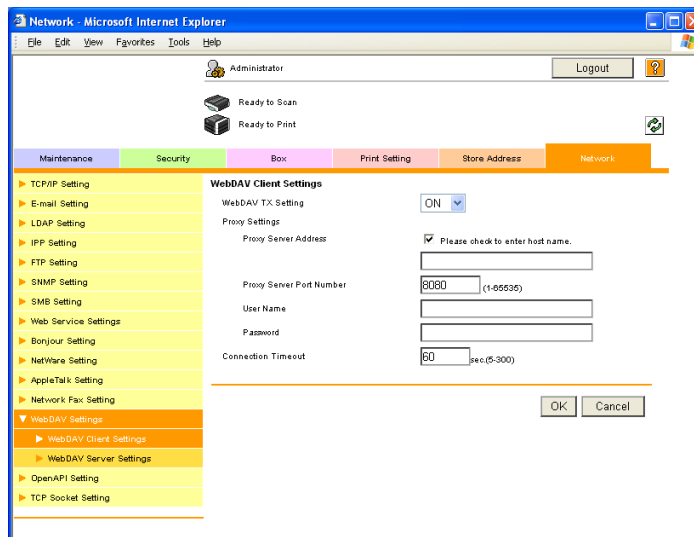
Item	Description
SMTP RX	Select whether SMTP reception is turned on or off.
Port Number	Type in the port number. (Range: 1 to 65535)
Connection Timeout	Type in the amount of time until the connection times out. (Range: 5 to 1000 seconds)

**Note**

The settings are available if network fax operations can be used.

WebDAV Settings - WebDAV Client Settings

Specify settings for sending scan data to the WebDAV server.

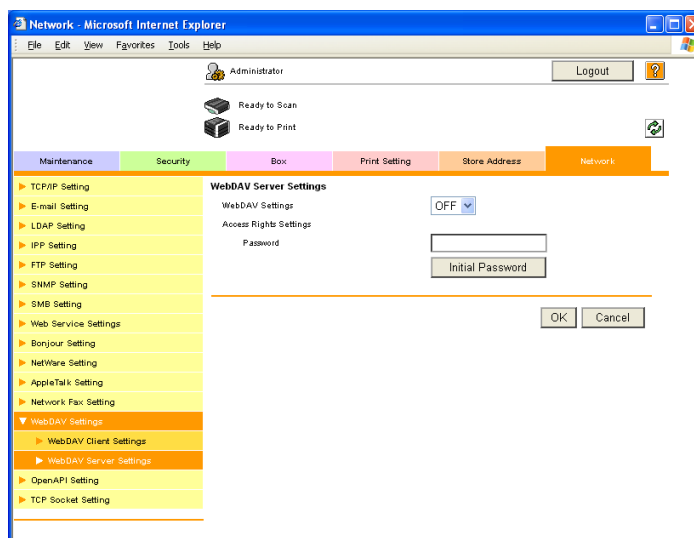


Item	Definition
WebDAV TX Setting	Select "ON".
Proxy Server Address	To send data via a proxy server, specify the proxy server address. (Format: "****.***.***.***", Range for ***: 0 to 255) If the DNS server is specified, the address can be specified using the host name. This item can also be specified with IPv6.
Proxy Server Port Number	Specify the port number.
User Name	Specify the user name for the proxy server (up to 63 characters).
Password	Specify the password for the proxy server (up to 63 characters).
Connection Timeout	Specify the time period before the server connection times out.

WebDAV Settings - WebDAV Server Settings

Specify settings for WebDAV server.

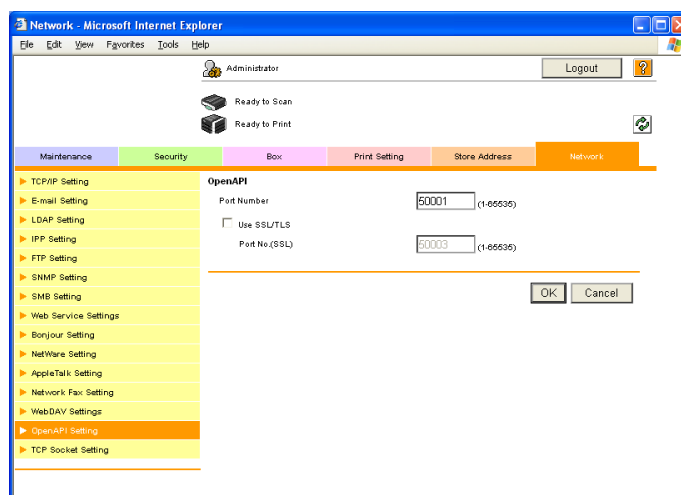
This machine serves as an WebDAV server by specifying the following settings. To use an application that synchronizes with this machine as a WebDAV client, specify these settings.



Item	Description
WebDAV Settings	Select "ON".
SSL Setting	This appears if an SSL certificate is installed. To use SSL/TLS, select "SSL Only" or "SSL/Non-SSL".
Password	Specify the password for connecting to the WebDAV server.
[Initial Password]	The specified password can be initialized. Default: sysadm

OpenAPI Setting

Specify the OpenAPI settings. To synchronize this machine with a different OpenAPI-based system, specify settings for OpenAPI.



Item	Description
Port Number	Type in the port number. (Range: 1 to 65535)
Use SSL/TLS and Port No. (SSL)	Select whether or not SSL/TLS is used. To use SSL/TLS, select the check box, and then type in the port number. (Range: 1 to 65535)

**Note**

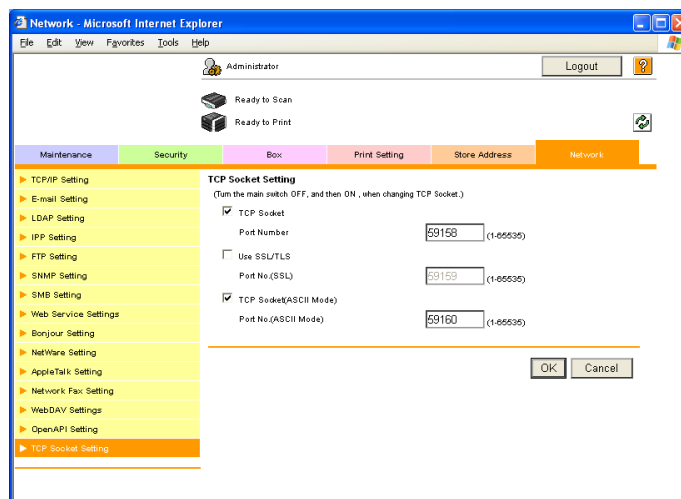
If "Enhanced Security Mode" is set to enable, the "Use SSL/TLS" check box is selected.

If authentication is performed with PageScope Authentication Manager, specify the SSL/TLS settings, and then enable the SSL/TLS settings of the OpenAPI settings.

If authentication is performed with PageScope Authentication Manager from the printer driver, set "Authentication" for OpenAPI Settings to "OFF" from the control panel.

TCP Socket Setting

Specify the TCP socket settings. TCP socket is used during data transmissions between the computer application and the machine.



Item	Description
TCP Socket/Port Number	Select whether or not TCP socket is used. Type in the port number. (Range: 1 to 65535)
Use SSL/TLS/Port No. (SSL)	Select whether or not SSL/TLS is used. To use SSL/TLS, select the check box, and then type in the port number. (Range: 1 to 65535)
TCP Socket (ASCII Mode)/Port No. (ASCII Mode)	To use in the Flash format, select the "TCP Socket (ASCII Mode)" check box. Type in the port number. (Range: 1 to 65535)

**Reminder**

If the TCP socket setting is changed, be sure to turn the machine off, then on again.

When the machine is turned off, then on again, turn the machine off with the [Power] (auxiliary power) key before turning off the main power switch. In addition, wait at least 10 seconds to turn the machine on after turning it off; otherwise, the machine may not operate correctly.

If "Enhanced Security Mode" is set to enable, the "Use SSL/TLS" check box is selected.

**Note**

If a certificate is set to enable from the machine, a page appears so that settings can be specified for "Use SSL/TLS" and "Port No. (SSL)". Specify the appropriate settings for SSL communication.

If "TCP Socket" is set to "OFF", it may no longer be possible to use some applications on the computer.

If authentication is performed with PageScope Authentication Manager, specify the SSL/TLS settings, and then enable the SSL/TLS settings of the TCP Socket settings.

4 Appendix

4.1 Glossary

Term	Definition
10Base-T/100Base-TX/1000Base-T	An Ethernet standard, which is a cable consisting of twisted copper wire pairs. The transmission speed of 10Base-T is 10 Mbps, of 100Base-TX is 100 Mbps, and of 1000Base-T is 1000 Mbps.
2in1	This is a function to send the page set as double page by consolidating the 2 page document on one paper.
Abbreviation/ address	This is a function to register the frequently used fax number of the recipient. When abbreviation/address is to be registered, you can register the address name and the searched character. It makes possible to specify the address using the searched character of the abbreviated selection.
Active directory	A service that manages all information such as hardware resources for servers, clients, and printers on a network supported by Microsoft and the attributes and access permissions of the users
Adobe® Flash®	Software developed by Adobe Systems Inc. (formerly developed by Macromedia, Inc.), and used to create data combining vector-graphic animation and sound, and the format of this data file. The bidirectional content can be manipulated using a keyboard and a mouse. The files can be kept relatively compact, and they can be accessed with the Web browser plug-in.
anonymous FTP	While normal FTP sites are protected by an account name and password, this type of FTP site can be used by anyone without a password by simply entering "anonymous" as the account name.
APOP	Abbreviation for Authenticated Post Office Protocol. An authentication method with encrypted passwords, which results in increased safety, as compared to the usual unencrypted passwords used by POP to retrieve e-mail messages
AppleTalk	A generic name for the protocol suite developed by Apple Computer for computer networking.
Auto IP	A function for automatically acquiring the IP address. If acquisition of the IP address failed with DHCP, an IP address is acquired from the address space of 169.254.0.0.
Background adjustment	This is a function to send the document by adjusting the brightness of the background color of the document.
Batch transmission	This is a function automatically sends one document at a specified time, if the transmission conditions such as destination, sending time, memory transmission or resolution stored in the same document memory.
bit	Abbreviation for Binary Digit. The smallest unit of information (data quantity) on a computer or printer. Displays data using 0 or 1.
Bitmap Font	A font that is displayed using a collection of dots. These look increasingly jagged with larger font sizes.
Blocked number	This is a function to avoid receiving of the troublesome fax by registering the number you want to block in advance. If the registered telephone number matches with the receiving telephone number, it is not received by displaying the [Blocked] and message.
BMP	Abbreviation for Bitmap. A file format for saving image data which uses the .bmp extension. Commonly used on Windows platforms. You can specify the color depth from monochrome (2 values) to full color (16,777,216 colors). Images are not usually compressed when saved.
Bonjour	Macintosh network technology for automatically detecting devices connected to the network and for specifying settings. Previously called "Rendezvous", the name was changed to "Bonjour" starting with Mac OS X v10.4.
Book Scan	A function for sending a fax of a book or catalog with the front cover, back cover and the left and right pages sent as separate pages.
BOOTP	Abbreviation for Bootstrap Protocol. A protocol in which a client computer on a TCP/IP network automatically specifies the network settings from the server. Currently, DHCP, which is an advanced protocol based on BOOTP, is mainly used.
bps	This is an abbreviation of bit per second. It means the amount of data sent in 1 second as the unit of data transmission.
Brightness	Brightness of a display screen
Broadcast	A transmission of a single document to many recipients in one operation.

Term	Definition
Bulletin board	This function posts the documents to be viewed, or stores the documents to be transmitted through polling.
Byte	Unit of information (data quantity) on a computer or printer. Configured as 1 byte equals 8 bits.
Check Dest. & Send	A function for sending a fax only after a comparison of the specified fax number with the fax number information (CSI) for the recipient's machine indicates a match. This prevents misdirected transmissions since a transmission error occurs if the numbers do not match.
Client	A computer that uses the services provided by a server through a network.
Closed Network RX	A function for accepting only transmissions from recipient machines with a matching password.
CMYK	Abbreviation for Cyan, Magenta, Yellow, and Black. The colors in the toner and ink used for color printing can all be represented by changing the mixing ratio of the four colors of CMYK.
Color matching	Technology for decreasing the difference in color among different devices such as scanners, displays, and printers.
Compact PDF	Compression method for reducing the data amount using the PDF format when converting color documents to data. The highest compression efficiency is achieved by identifying the text and image regions and using the resolution and compression method most appropriate for each region. The compact PDF format can be selected when converting documents to data using the scanning functions of this machine.
Confidential communication	A function for sending and receiving documents to be viewed only by specific persons. The sent confidential document is saved in a confidential box on the recipient's fax machine and is not printed when it is received. The received document can be printed if a specific operation is performed, for example, the access code for the confidential box is entered.
Consolidated document	This is a function to detect and send the respective size of document by setting the document with different sizes.
Contrast	The difference in intensity between the light and dark parts of the image (light/dark variation). An image with little light/dark variation is said to have a low contrast, and an image with large light/dark variation is said to have a high contrast.
CSV	Abbreviation for Comma Separated Values. One of the formats for saving database or spreadsheet data as a text file. (The file extension is ".csv".) The data, which is separated by commas (as the delimiter), can be shared by different applications.
Default	The initial settings. The settings first selected when the machine is turned on, or the settings first specified when the function is selected.
Default gateway	A device, such as a computer or router, used as a "gateway" to access computers not on the same LAN.
Default value	The setting value specified in advance when the machine was shipped from the factory. Some default settings can be changed from the settings menu. It is convenient when frequently used value is set as default settings depending on the usage conditions.
Density	An indication of the amount of darkness in the image.
Density Compensation	Color correction function used in output devices such as printers and displays.
DHCP	Abbreviation for Dynamic Host Configuration Protocol. A protocol in which a client computer on a TCP/IP network automatically specifies the network settings from the server. With collective management of the IP address for DHCP clients on the DHCP server, you can avoid duplication of an address and you can build a network easily.
Dialing method	There are three types: PB (push-button (tone) dialing), 10PPS (pulse dialing at 10 pps), and 20PPS (pulse dialing at 20 pps).
Dither	One method of combining two colors to create an approximate representation of shades of gray. Processing is easier than with error diffusion, but this can lead to irregularities.
DNS	Abbreviation for Domain Name System. A system that acquires the supported IP addresses from host names in a network environment. DNS allows the user to access other computers over a network by specifying host names, instead of difficult to memorize and understand IP addresses.
Double-sided binding position	This is a function for specifying the binding position of a double-sided document sent using the ADF. There is top/bottom binding, where the binding position is at the top (or) bottom of the document, and there is left/right binding, where the binding position is at the left (or right) of the document and the top and bottom of the second side of the document differ.

Term	Definition
DPI (dpi)	Abbreviation for Dots Per Inch. A resolution unit used by printers and scanners. Indicates how many dots per inch are represented in an image. The higher the value, the higher the resolution.
Driver	Software that works as a bridge between a computer and a peripheral device.
DSN	Abbreviation for Delivery Status Notifications. A delivery status notification message that is sent back to the sender at the time the E-mail is received at the recipients mail server.
Dynamic authentication (LDAP setting)	An authentication method option for connecting to the LDAP server from the multi-functional product. Select this option if the name and password for logging on to the LDAP server must be entered each time by the user when referencing the destination information from the LDAP server.
ECM	(Error Correction Mode: Error correction mode) Error resend mode of G3 communication. It confirms whether the data is correctly sent to the recipient or not, and if it is not correctly sent, it communicates by resending the same data. If the recipient is set for the ECM mode and the communication is done in ECM unless ECM off is specified in this machine.
Ethernet	LAN transmission line standard
Fax ID	The identifying code for the mutual recognition when transmitting faxes. Normally the fax number is registered as the fax ID.
F code	This is the communication procedure about the usage of the sub address of T.30* standardized by ITU-T (International Telecommunication Union) provided by CIAJ (Communications and Information network Association of Japan). In the communication between fax with F code function, various functions that uses F code can be used even if the maker is different. In this machine, F code is used in the bulletin boards, relay request, relay transmissions, confidential communication, password transmission. (*Communication standard)
File extension	The characters added to the file name in order to differentiate file formats. The file extension is added after a period, for example, ".bmp" or ".jpg".
Forced memory reception	This is the function to store the received document in memory and to print if required.
Frame erase	This is a function to erase the black shadow around the document and then transmitting the fax, for example, when scanning the document formed of booklet or when scanning a document by keeping ADF open.
Frame type	Type of communication format used in a NetWare environment. Communication is not possible if the same frame type is not used.
FTP	Abbreviation for File Transfer Protocol. A protocol for transferring files over the Internet or an intranet on the TCP/IP network.
G3	This is a fax communication mode standardized by the ITU-T (International Telecommunication Union). The communication modes are G3 and G4. G3 is currently the most popularly used mode.
Gateway	Hardware and software used as the point where a network is connected to a network. A gateway also changes data formats, addresses, and protocols according to the connected network.
Gradation	The light and dark levels of an image. As the number increases, smoother brightness variations can be reproduced
Grayscale	Monochrome image expressive form using the gradation information from black to white
Group	Grouping of the abbreviation No. of multiple groups. It is convenient when there are large numbers of reception of sequential broadcast and sequential polling in the same address.
GSS-SPNEGO/Simple/Digest MD5	Authentication methods for logging on to the LDAP server. The authentication method (GSS-SPNEGO, SIMPLE or Digest MD5) for the LDAP server differs depending on the server being used and the server settings.
Halftone	The method of producing the light and dark parts of an image through varying sizes of black and white dots
Hard disk	Large capacity storage device for storing data. The data can be stored even if the power is turned off.
Host name	Displayed name of a device over a network.
HTTP	Abbreviation for HyperText Transfer Protocol. A protocol used to send and receive data between a Web server and a client (Web browser). Documents containing images, recordings, and video clips can be exchanged with the expressive form information.

Term	Definition
ICM	Abbreviation for Image Color Management. The color management system used by Windows. Color differences of input/output devices, such as monitors, scanners and printers, are adjusted to reproduce colors so that they are nearly the same on any device.
Install	To install hardware, operating systems, applications, printer drivers on to a computer
Internet Fax	Transmission method by which scanned documents sent and received between an Internet fax and computers as TIFF format E-mail attachments over intranets (internal company networks) and the Internet.
IP address	A code (address) that is used to identify individual network devices over the Internet. IPv4 (Internet Protocol version 4), widely spread today, is expressed such as 192.168.1.10 using 32-bit numbers divided into four. In the next generation IPv6 (Internet Protocol version 6), 128-bit IP addresses are used. IP addresses are assigned to devices, including computers, which are connected to the Internet.
IP Address Fax	An IP address identifies various networked devices on the Internet, and IP Address Fax uses these addresses to transmit and receive faxes within an intranet.
IPP	Abbreviation for Internet Printing Protocol. A protocol that sends and receives print data and controls printers over the Internet on a TCP/IP network. Data can also be sent to printers in remote areas to print over the Internet.
IPsec	The security technology that is used with TCP/IP. A service with enhanced security can be provided by specifying the encryption of transmission packets and the authentication protocol.
IPv6	Abbreviation for Internet Protocol version 6. A protocol that was prepared to replace the currently used IPv4 protocol and provides an increase in the number of devices that can use the Internet. Additional improvements include 128-bit IP addresses and added security features.
IPX	A protocol used with NetWare and works at the network layer of the OSI reference model
IPX/SPX	Abbreviation for Internetwork Packet Exchange/Sequenced Packet Exchange. A protocol developed by Novel, Inc. that is commonly used under a NetWare environment.
JPEG	Abbreviation for Joint Photographic Experts Group. One of the file formats for saving image data. (The file extension is ".jpg".) The compression ratio is roughly 1/10 to 1/100. This format uses an effective method in the compression of continuous-tone images, such as photographs.
Kerberos	A type of network authentication system used by Windows 2000 or later. Used in Active Directory authentication. Users can be safely and efficiently authenticated with a two-phase authentication (user logon and network resource usage) on a dependable site set up on the network.
LAN	Abbreviation for Local Area Network. A network which connects computers on the same floor, in the same building, or in neighboring buildings.
LDAP	Abbreviation for Lightweight Directory Access Protocol. On a TCP/IP network, such as the Internet or an intranet, this protocol is used to access a database for managing environment information and the e-mail addresses of network users.
Local line	Public telephone line supported by Nippon Telegraph and Telephone Corporation.
Local printer	A printer connected to a parallel or USB port of a computer.
Long document	A setting for sending document pages longer than A3 size (420mm/16-1/2 inch). Long documents can be transmitted by specifying the setting for long originals.
LPD	Abbreviation for Line Printer Daemon. A printer protocol that uses TCP/IP and is platform-independent. Originally developed for BSD UNIX, it has become the standard printing protocol and can be used with any general computer.
LPR/LPD	Abbreviation for Line Printer Request/Line Printer Daemon. A printing method over a network in a Windows NT system or UNIX system. Using TCP/IP, you can output print data from Windows or Unix to a printer over a network.
MAC address	Abbreviation for Media Access Control address. With a special ID number for each Ethernet card, data can be sent and received between the cards. A number consists of 48 bits. The first 24 bits consist of a special number for each manufacture controlling and assigning IEEE. The last 24 bits consist of a number that the manufacturer assigns uniquely to the card.
Main Scanning	The operation of optically scanning the document and converting it to image data.
Main scanning direction	This is the horizontal direction for scanning documents.
Manual transmission	An operation to send a fax while checking the status of the receiving machine.

Term	Definition
MDN	Abbreviation for Message Disposition Notifications. A delivery confirmation message that is sent back to the sender in response to such as request.
Memory	Storage device for storing data temporally. When the power is turned off the data may or may not be erased.
Memory overflow	A condition where the fax memory becomes full while scanned documents or temporarily stored documents are saved.
Memory transmission	This is a procedure for starting a fax transmission after a document is scanned and stored in the memory. If memory transmission is used, the total number of pages are automatically printed in the page number of the transmission source information and an image of the first page of the sent document is printed in the transmission report. However, the memory may become full if there are many pages of the document or if the data is large due to finely detailed images.
MH	Abbreviation for Modified Huffman. A data compression encoding method for fax transmissions. Documents containing mostly text are compressed to about 1/10 their original size.
MIB	Abbreviation for Management Information Base. In a TCP/IP transmission, this uses SNMP to define the management information format for a group of network devices. There are two formats: the manufacturer-specific private MIB and the standardized MIB.
MMR	Abbreviation for Modified Modified Read. A data compression encoding method for fax transmissions. Documents containing mostly text are compressed to about 1/20 their original size.
Multi Page TIFF	A TIFF file that has multiple pages.
NDPS	Abbreviation for Novell Distributed Print Services. Provides a highly efficient printing solution in an NDS environment. By using the NDPS as a printer server, you can output from the desired printer, automatically download the printer driver of a newly installed printer, simplify and automate complicated management environments related to printer use, and integrate management related to the network printer.
NDS	Abbreviation for Novell Directory Services. The servers and printers on a network and the shared resources of the user's information, as well as the user's access authority over these items can be consolidated in the hierarchy structure.
NetBEUI	Abbreviation for NetBIOS Extended User Interface. A network protocol developed by IBM. By simply specifying the computer name, you can build a small-scale network.
NetBIOS	Abbreviation for Network Basic Input Output System. A communication interface developed by IBM.
NetWare	Network operating system developed by Novell. NetWare IPX/SPX is used as the communication protocol.
No. of documents	Used for quick memory transmission to send the fax with the total number of pages. This allows the recipient to check whether the all pages were received or not (In case of memory transmission, the total no. of pages are automatically added).
Nprinter/Rprinter	Remote printer support module for using a printer server under a NetWare environment. Use NetWare 3.x with Rprinter, and NetWare 4.x with Nprinter.
NTLM	Abbreviation for NT LAN Manager. User authentication method used by Windows NT or later. With the MD4 and MD5 encoding methods, passwords are encoded.
NTP	Abbreviation for Network Time Protocol. The protocol for correctly adjusting the computer's internal clock over the network. In a hierarchical method, the time is adjusted with the server at the highest level using GPS to acquire the correct time, which is then referenced by each lower level host.
OCR	Abbreviation for Optical Character Reader. A device or software that converts hand-written or printed documents to text data by optically scanning it and, through comparison with a previously stored pattern, specifies the characters.
OHP/OHT	OHP (overhead projector) transparencies which are used for presentations.
OS	Abbreviation for Operating System. Basic software for controlling the system of a computer.
Outline font	A font using lines and curves to display an outline of a character. Large-size characters can be displayed on a screen or printed with no jagged edges.
Overseas communication	This is a function to communicate with an overseas recipient. If an overseas communication mode is set, the fax is sent with a lower speed. Specifying an overseas transmission mode ensures the fax transmission when faxing to the location where transmission conditions are poor, even within the country.
Password transmission	A function for sending a fax with a password. If the recipient's fax machine is set for closed network receptions, the sender's fax machine should transmit a fax with the password same as the closed network reception password.

Term	Definition
PASV	Abbreviation for PASSive. A mode for connecting to an FTP server from within a fire-wall. If this mode is not specified, the firewall will be considered inaccessible and the connection will be terminated, pre-venting the file from being sent.
Pause	A temporary break in dialing. In this machine, each pause creates a one second break during dialing.
PB	Push telephone line
PC-FAX	A function for sending a fax directly from a computer without using paper.
PDF	Abbreviation for Portable Document Format. An electronically formatted document which uses the .pdf extension. Based on the PostScript format, you can use the free Adobe Acrobat Reader software to view documents.
PDL	Abbreviation for Page Description Language. The language for specifying the print image per page to a printer when printing using a page printer.
Peer-to-peer	A network format that allows connected devices to communicate without using a dedicated server.
Pixel	An image pixel. The smallest unit of an image.
Plug-and-play	Ability to automatically find and use the appropriate driver when a peripheral device is connected to a computer.
Polling	This is a function for sending a document loaded on the machine or stored in the memory when requested by the recipient.
POP	Abbreviation for Post Office Protocol. A protocol for retrieving e-mail messages from a mail server. Currently, POP3 (the third version of POP) is most often used.
POP3	Abbreviation for Post Office Protocol - Version 3. A commonly used transmission protocol (transmission rules) used for the transmission and reception of E-mail. This has different functions, including mail box authentication, confirmation of E-mail downloads and list information, and deletion of E-mails.
POP Before SMTP	A user authentication method for sending e-mail messages. First, the reception operation is performed and the user is authenticated by the POP server. Then, IP addresses where the user was success-fully authenticated by the POP server are permitted to use the SMTP server. This method prevents third parties without permission to use the mail server from sending mail messages.
Port number	The number that identifies the transmission port for each process running on a computer on the network. The same port cannot be used by multiple processes.
PostScript	A typical page-descriptive language developed by Adobe and is commonly used for high quality printing.
PPD	Abbreviation for PostScript Printer Description. A file used to describe the resolution, usable paper size, and the PostScript printer model special information.
PPI	Abbreviation for Pixels Per Inch. Unit of resolution mainly used in monitors and scanners. Indicates how many pixels per inch.
Preview	A function that allows you to view an image before processing a print or scan job.
Printer buffer	Memory domain temporarily used for data processing of a print job
Print Job	Print request transmitted from a computer to a printing device.
Print queue	A software system which queues the generated print job in the devices.
Profile	Color attribute file The dedicated file that contains the summarized correlation of the input and output of each primary color used so that the color input and output devices can reproduce the color.
Program address	This is a function for registering recipient's fax numbers where faxes are frequently sent and received and preset transmission operation procedures. By simply pressing the program key, the address is specified and the communication can be automatically performed with the specified functions.
Property	Attribute information When using a printer driver, various functions can be specified in the file properties. In the file properties, you can check the attribute information of the file.
Protocol	The rules that allow computers to communicate with other computers or peripheral devices
Proxy server	A server that is installed to act as an intermediary connection between each client and different servers to effectively ensure security over the entire system for Internet connections.
PServer	Print server module under a NetWare environment that monitors, changes, pauses, restarts, or cancels a print job.

Term	Definition
Queue name	<ul style="list-style-type: none"> Name specified to each device that allows printing when network printing. Required logical printer name for LPD/LPR printing
Quick memory transmission	This is the method to start sending of fax by scanning one page of the document at the same time. Even in case of multiple documents, this is a function to send the document without overflowing the memory.
RAW port number	The TCP port number used when the RAW protocol is selected for Windows TCP printing. Usually set to 9100.
realm (IPP setting)	Region for performing security functions. This is constructed of authentication information such as the user name and password, and defines the security rules in the region.
Receiving	This is the condition where the fax machine answers the call.
Redial	This is a function for dialing a fax number again after waiting for a specified length of time, such as when the recipient's line is busy. You can select either to redial manually or to redial automatically the number.
Reference Allowed Level	A feature for specifying settings so that only certain people are able to view certain destination information for the security of the information. When synchronized with user authentication, only information with an access permission level matching that specified for the user can be viewed.
Referral setting (LDAP setting)	If there is no corresponding data on the LDAP server searched for the destination, specify which LDAP server should be searched next or specify an LDAP server. Specify whether or not the multifunctional product searches this specified LDAP server.
Relay broadcast	This is a function to send the broadcast fax via other fax (called as a relay distribution station). When there are multiple broadcast destinations at distant places, one of the broadcast destination is specified to the relay station and the entire amount of the communication charges can be reduced by doing the relay transmission from the relaying station.
Relay distribution station	A feature to broadcast the fax to the relay distribution destination by receiving the relay request from the relay instruction station. The relay distribution function is not available in this machine.
Relay instruction station	The fax machine that sends the relay broadcast request.
Resending	This is a function to resend the specific document stored in the memory that couldn't be sent either to same destination or to an-other destination.
Resolution	Displays the ability to reproduce the details of images and print matter correctly.
RGB	Abbreviation for Red, Green, and Blue. Represents all colors by changing the brightness ratio of the RGB 3 colors using the primary colors used by the color representation in a monitor.
RIP	Abbreviation for Raster Image Processor. Process that develops picture images from described text data using the PostScript page description language. The processor is usually integrated in the printer.
Samba	UNIX server software that uses SMB (Server Message Block) so that UNIX system resources can be used from a Windows environment.
Scanning	With the scanning operation of the scanner, an image is read while the row of image sensors is gradually moved. The direction that the image sensors are moved is called the main scanning direction, and the direction in which the image sensors are arranged is called the sub-scanning direction.
Scanning size	This is a function to specify the scanning size of a document and transmitting it. If the width of the paper in the recipient's fax machine is smaller than that of the transmitted document, the fax is normally reduced when it is printed. If you do not wish to reduce the fax, specify a document size that is same as the size of the paper in the recipient's fax machine in order to send the fax at its original size.
Screen font	A font for displaying text and symbols on a CRT monitor.
Screen frequency	Indicates the density of dots used to create the image.
Sending	Making a call. It is to send a document or to dial for pollings in case of fax.
Shared printer	A printer setup that allows the printer to be used by multiple computers connected to a server over a network.
Sharpness	This is a function to send a document by enhancing the edge of character.
Single-page TIFF	A single TIFF file that contains only a single page.
SLP	Abbreviation for Service Location Protocol. A protocol capable of finding services over a TCP/IP network and automatically specifying a client.

Term	Definition
S/MIME	Abbreviation for Secure/Multipurpose Internet Mail Extensions. A protocol for adding features such as encryption and digital signatures to MIME (e-mail operations). With this standard, public key encryption, which uses a different key for encryption and decryption, is used.
SMB	Abbreviation for Server Message Block. A protocol that shares files and printers over a network and which is mainly used by Microsoft Windows.
SMTP	Abbreviation for Simple Mail Transfer Protocol. A protocol for sending and forwarding e-mail.
SNMP	Abbreviation for Simple Network Management Protocol. A management protocol in a network environment using TCP/IP.
Spool	Abbreviation for Simultaneous Peripheral Operation On-Line. For printer output, data is not sent directly to the printer, it is temporarily stored in another location, then sent to the printer collectively.
SSL/TLS	Abbreviation for Secure Socket Layer/Transport Layer Security. The encoding method for safely transmitting data between the Web server and browser.
Subnet mask	The unit used to divide a TCP/IP network into small networks (subnetworks). It is used to identify the bits in a network address that are higher than the IP address.
Sub-scanning direction	The vertical direction for scanning documents.
Super G3(SG3)	This is a G3 communication mode standardized by ITU-T V.34. The communication can be carried out at a higher speed (high speed 33,400bps) than that of the usual G3 communication.
TCP/IP	Abbreviation for Transmission Control Protocol/Internet Protocol. The de facto standard protocol used by the Internet that uses IP addresses to identify each network device.
TCP socket	Indicates that API for the network is used with TCP/IP. A transmission route is opened using this socket to input and output normal files.
Temporary document saving	This is a function for automatically saving the received document in the memory when the machine cannot print the received document, such as when the machine has run out of paper. When more paper is added, the temporarily saved document is printed.
Temporary Forward transmission	This is a function to manually forward the received document on hold, by using the setting confirmation button of the control panel. The transmission is used when the fax/scan screen is been displayed, or the operation is being stopped due to paper misfeed or running out of paper.
Thumbnail	A small image that shows the contents of the image or document file (the image displayed when the file was opened).
TIFF	Abbreviation for Tagged Image File Format. One of the file formats for saving image data. (The file extension is ".tif".) Depending on the tag indicating the data type, information for various image formats can be saved in a single image data.
Timer communication	A function for sending a fax at a specified time. Sending faxes at discounted calling times, such as late at night or early in the morning can help to reduce the transmission costs.
Transmission reservation	This is a function to reserve the next transmission while current transmission or printing.
Transmission source name	The name of this machine indicated in alphanumeric characters. This name is printed as a part of the transmission source at the edge of the transmitted document from the recipient's machine.
Transmission source record	When a fax has been sent, the transmission time, name, telephone number, page number that is to be printed at the edge of the document saved on the recipient's machine.
Transmission speed	Specifies the transmission speed of modem for fax. In this function, the fax can be communicated at a high transmission speed of 33,600bps. When overseas communication mode is set, it communicates at a high transmission speed with a noise of 7200bps or 4800bps.
Transmission time	The time needed to send a fax. The higher the resolution or larger the paper, the longer the transmission takes.
TrueType	An outline font that was developed by Apple Computer and Microsoft. It is used as a standard by Macintosh and Microsoft Windows and can be used both on a display and in print.
TSI	Abbreviation for Transmitting Subscriber Identification. ID of the fax transmission terminal.

Term	Definition
TWAIN	The interface standard for imaging devices, such as scanners and digital cameras, and for applications, such as graphics software. In order to use a TWAIN-compliant device, the TWAIN driver is required.
Uninstall	To delete software installed on a computer
USB	Abbreviation for Universal Serial Bus. A general interface standard for connecting a mouse, printer, and other devices to a computer.
V34	This is a communication mode used at the time of fax communication of super G3. There are cases when the communication is not possible in super G3 mode depending on the telephone line conditions when the recipient's machine/ own machine is connected to a telephone line via private branch exchange. In such cases, it is recommended to communicate with super G3 mode is turned off by selecting the V34 off.
Web browser	Software such as Internet Explorer and Netscape Navigator for viewing Web pages.
WINS	Abbreviation for Windows Internet Naming Service. A service for recalling named servers for the conversion of computer names and IP address in a Windows environment.
Z folded document	This function first confirms the document size which cannot be detected correct document size due to folds, then scans and sends after verifying the correct document size. This function can be used only when the document is scanned by ADF.
Zone	A name given in an AppleTalk network. This is used to group multiple devices on an AppleTalk network.

5 Index

5.1 Index

Numerics

2-Sided print3-40

A

Access allowed level3-32, 3-33

Account track registration3-22

Active Directory3-17

Addresses book2-23

Administrator1-10

Administrator mode3-1

APOP Authentication3-58

Application registration3-43

Auto logout3-34

B

Banner sheet paper tray3-40

Banner sheet setting3-40

Bindery/NDS setting3-74

Binding direction adjustment3-40

C

Certificate information2-24

Combine2-13

Communication timeout3-66

CR/LF mapping3-41

Creating a certificate3-26

D

Default gateway3-53

DNS server3-53

E

E-mail RX (POP)3-58

E-mail TX (SMTP)3-59

External memory function settings3-13

External server3-17

F

Font size3-41

FTP server3-66

G

Group2-29

H

Header/footer3-13

I

ICC Profile3-42

IKE3-56

IP address3-53

IP address setting method3-53

IPsec3-56

IPv63-53

L

LDAP server registration3-63

License Settings3-15

Limiting access to destinations3-21

Line/page3-41

LPD3-53

N

NDS3-17

NetBIOS3-69

Network speed3-53

Network timeout3-42

No matching paper in tray setting3-40

Node type3-68

NTLM3-17

NTLM setting3-69

NTP server3-9

Number of sets3-40

O

OpenAPI3-78

Output tray3-40

P

PageScope Web Connection1-1

Paper size3-40

Paper size auto switch3-40

Paper tray3-40

PDL setting3-40

Peer3-56

POP before SMTP3-59

Prefix/Suffix3-51

Program2-31

Proxy server3-66

PS error print3-41

Punch3-40

R

Register and changing addresses3-34

S

S/MIME2-23, 3-61

SA3-56

SLP3-53

SNMP setting3-67

Spool print jobs3-40

SSL/TLS setting3-23

Staple3-40

Subject2-49

Subnet mask3-53

Symbol set	3-41
System requirements	1-1
T	
Temporary one-touch	2-48
Text	2-50
Thumbnail	2-11
TRAP setting	3-67
U	
USB timeout	3-42
Use referral	3-63
User mode	2-1
User registration	3-19
W	
Web service settings	3-71
WebDAV settings	3-77
X	
XPS Settings	3-42
Z	
Zone name	3-75



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